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THE UNIVERSITY OF WISCONSIN-EAU CLAIRE

105 Garfield Avenue
Eau Claire, Wisconsin 54702-4004
UW-Eau Claire Web Homepage (http://www.uwec.edu)

Situated at the confluence of the Eau Claire and Chippewa rivers, the city of Eau Claire originated as a lumber town in the 1840s. Today, with a population of more than 68,000, Eau Claire is a commercial, medical, technological and educational center for the west central region of Wisconsin. Eau Claire is located 90 miles east of Minneapolis/St. Paul and 247 miles northwest of Milwaukee. The city and the surrounding countryside abound in rivers, lakes and wooded areas of great natural beauty, where seasonal sports, camping and other recreational activities may be enjoyed throughout the year.

University of Wisconsin-Eau Claire

The University of Wisconsin-Eau Claire was founded in 1916 as the Eau Claire State Normal School, occupying a single building on land donated to the state by the city of Eau Claire. The academic history of the institution is reflected in its subsequent changes of name and mission. As the Eau Claire State Teachers College (1927-51), it awarded baccalaureate degrees in education; as the Wisconsin State College at Eau Claire (1951-64), it added degree programs in liberal arts. The state colleges were granted university status in 1964, and the Wisconsin State University-Eau Claire was organized into the schools of Arts and Sciences, Education, and Graduate Studies. The School of Nursing was created in 1965 and the School of Business in 1966. The institution became the University of Wisconsin-Eau Claire in 1971 with the merger of the two state-supported university systems to form the University of Wisconsin System, which includes 13 universities, 13 freshman-sophomore colleges and UW-Extension. In 2004, an administrative restructuring created four colleges at the University of Wisconsin-Eau Claire: the College of Arts and Sciences, the College of Business, the College of Education and Human Sciences, and the College of Nursing and Health Sciences. Graduate programs are administered by each of the colleges.

The University of Wisconsin-Eau Claire today serves more than 10,000 students, offering a variety of undergraduate and graduate programs, and serving regionally as a center for continuing education. The main campus includes 29 major buildings located on a 333-acre, two-level campus, which embraces Putnam Park on the south bank of the Chippewa River and is connected by a footbridge to the Haas Fine Arts Center and the Human Sciences and Services building on the north bank. The University campus also includes The Priory, a facility three miles south of the main campus, and Haymarket Landing, a student apartment complex in downtown Eau Claire.

UW-Eau Claire – Barron County

Effective July 1, 2018, the 13 two-year campuses formerly known as University of Wisconsin Colleges were integrated as branch campuses with seven of the University of Wisconsin System’s four-year comprehensive or research institutions. As part of this restructuring, the former UW-Barron County became a branch campus of UW-Eau Claire and is now known as UW-Eau Claire – Barron County.

Select Mission of the University of Wisconsin-Eau Claire

In addition to the University of Wisconsin System Mission and the Core Mission of the University Cluster Institutions, the University of Wisconsin-Eau Claire has the following select mission:

We fulfill our mission through a pervasive university commitment to provide:

- Rigorous, intentional and experiential undergraduate liberal education for life and livelihood;
- Strong, distinctive professional and graduate programs that build on and strengthen our proud tradition of liberal education;
- Multicultural and international learning experiences for a diverse world;
- Exemplary student-faculty research and scholarship that enhance teaching and learning;
- An inclusive campus community that challenges students to develop their intellectual, personal, cultural, and social competencies;
- Educational opportunities responsive to the needs of our communities, state, region, and beyond; and
- Academic leadership in transforming liberal education.

Organization of the University

The chancellor is the University’s chief administrative officer, responsible for all phases of University activity, and accountable to the Board of Regents and UW System president. In the discharge of these obligations, the chancellor is assisted by other administrators and advised by the faculty, staff, and students of the University.

Subject to the powers of the Board of Regents, the UW System president, and the chancellor:

- University faculty has primary responsibility for academic and educational activities and faculty personnel matters.
- University academic staff has primary responsibility for academic staff personnel matters.
- University students have primary responsibility for policies concerning student life, services, and extracurricular activities; and share responsibility with the chancellor and Board of Regents for the disposition of student fees constituting substantial support for student activities.

Administrative Organization and Personnel

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<th>CHANCELLOR</th>
<th>James C. Schmidt</th>
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<td>PROVOST AND VICE CHANCELLOR FOR ACADEMIC AFFAIRS</td>
<td>Patricia A. Kleine</td>
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<tr>
<td>Academic Affairs Budget Officer</td>
<td>Stephanie Jamelske</td>
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<td>Director of Academic Planning and Assessment</td>
<td>Mary F. Hoffman</td>
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<td>Andrew J. Nelson</td>
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<tr>
<td>Oliver M. Ramsey Endowed Chair for Institute for Health Sciences</td>
<td>Mel L. Kantor</td>
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<tr>
<td>Associate Vice Chancellor for Academic Affairs</td>
<td>Michael J. Carney</td>
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<tr>
<td>Barron County Campus Academic Chair</td>
<td>Troy Kozma</td>
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<tr>
<td>Director of Center for Excellence in Teaching and Learning</td>
<td>Angie Stombaugh</td>
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<td>Director of Human Development Center</td>
<td>Michael Axelrod</td>
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<td>Director of Learning and Technology Services</td>
<td>Craig A. Mey</td>
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<td>Director of Libraries</td>
<td>Jill Markgraf</td>
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<tr>
<td>Associate Vice Chancellor for Academic Affairs and Dean of Graduate Studies</td>
<td>Darrell Newton</td>
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<tr>
<td>Position</td>
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<tr>
<td>Assistant Vice Chancellor for Research and Sponsored Programs</td>
<td>Karen G. Havholm</td>
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<tr>
<td>and Director of the Center of Excellence for Faculty/Student Research</td>
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<td>Coordinator of Intercultural Immersion</td>
<td>Jeff DeGrave</td>
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<td>Director of Academic Skills Center</td>
<td>Audrey Robinson</td>
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<td>Director of Center for International Education</td>
<td>Colleen Marchwick</td>
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<td>Director of Center for Writing Excellence</td>
<td>Jonathan Rylander</td>
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<td>Director of First Year Experience</td>
<td>Ryan Weichelt</td>
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<td>Director of University Honors Program</td>
<td>David Jones (Interim)</td>
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<tr>
<td>Dean of the College of Arts and Sciences</td>
<td>Rodd Freitag (Interim)</td>
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<tr>
<td>Associate Dean</td>
<td>Margaret L. Cassidy</td>
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<tr>
<td>Administrative Officer - Enrollment Management and Student Academic Issues</td>
<td>Marc Goulet</td>
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<tr>
<td>Dean of the College of Business</td>
<td>K. Brewer Doran</td>
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<tr>
<td>Associate Dean</td>
<td>Jean Pratt</td>
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<td>Dean of the College of Education and Human Sciences</td>
<td>Carmen Manning</td>
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<td>Assistant Dean (Marshfield)/Department Chair</td>
<td>Robin Beeman</td>
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<td>Albert Colom</td>
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<td>Director of Enrollment Management/Financial Aid</td>
<td>Nikki Andrews</td>
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<td>Kim O'Kelly</td>
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<td>Luke Kempen</td>
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<td>Andy Jepsen</td>
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<td>Billy Felz</td>
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<td>Jodi Thesing-Ritter</td>
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<td>Ashley Fritz</td>
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<td>Director of Corporate Relations</td>
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<tr>
<td>Director of Operations</td>
<td>Lori Maassen</td>
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**UW- Eau Claire Campus**

Campus Information Services 715-836-2637
toll-free (888) 463-6893

Parking and Transportation Services: Parking and Transportation Services strives to find an equitable way to manage the parking spaces available to all members of the University community. Therefore, parking policies and regulations at U-W Eau Claire are aimed at easing the parking crunch on campus and in the neighborhoods adjacent to the campus. These policies and regulations are part of an overall parking plan, which incorporates a multifaceted approach to managing the parking spaces available on campus. It includes a differentiated pricing system for parking permits, penalties for violations, and a free citywide transit service. Detailed and current parking information can be obtained from Parking and Transportation Services located within Blugold Central, 715-836-3000, or parking@uwec.edu.

Visitor Parking: If you are coming to campus for an event, please check with your event organizer. If you are a visitor to campus or guest of a faculty/staff
member, please reserve a Visitor Center parking spot by calling the visitor center at 715-836-2544.

**Visiting the Campus:** If you are a prospective student and/or family member wishing to schedule a campus visit, tours may be arranged through the Office of Admissions at 715-836-5415. Visitors may obtain a brochure describing the campus and its facilities from the Service Center, in the east lobby of Davies Center, or from the Visitor Center.

**Administrative Offices**

- Chancellor, Provost and Vice Chancellor of Academic Affairs: L.E. Phillips Science Hall
- Chancellor, Vice Chancellors, Assistant Chancellors: Schofield Hall

**College Offices**

- College of Arts and Sciences: Schofield Hall 220
- College of Business: Schneider Hall 110
- College of Education and Human Sciences: Centennial Hall 3015
- College of Nursing and Health Sciences: Nursing 103

**Department Offices**

The office addresses of department chairs are listed in the departmental sections of the catalog.

**Auditoriums, Theatres, etc.**

- Casey Observatory: L.E. Phillips Science Hall
- Clark Bird Museum: L.E. Phillips Science Hall
- Dakota Ballroom: W.R. Davies Student Center
- Foster Gallery: Haas Fine Arts Center
- Gantner Concert Hall: Haas Fine Arts Center
- Kjer Theatre: Garfield and Park Avenues
- Ojibwe Ballroom: W.R. Davies Student Center
- Phillips Planetarium: L.E. Phillips Science Hall
- Phillips Recital Hall: Haas Fine Arts Center
- Riverside Theatre: Haas Fine Arts Center
- Schofield Auditorium: Schofield Hall
- Woodland Theater: W.R. Davies Student Center
- Zorn Arena: Garfield Avenue

**Academic Buildings**

- **Schofield Hall (1916),** Garfield Avenue. Named for Harvey Schofield, first president of the Eau Claire State Normal School.
- **L.E. Phillips Science Hall (1964; addition, 1969; a major renovation, 2002),** lower campus, spanning Little Niagara Creek. Named for the Eau Claire industrialist whose major gift made possible the acquisition of special equipment.
- **Nursing (1969; addition, 1985),** lower campus at edge of Putnam Park.
- **McIntyre Library (1960; addition, 1972; addition, 1993),** Garfield Avenue. Named for William D. McIntyre, an Eau Claire businessman who served on the Board of Regents of State Colleges, 1945-1966.
- **Haas Fine Arts Center (1970),** Water Street, with footbridge spanning the Chippewa River to the main lower campus. Named for former chancellor Leonard Haas (1959-1980) and his wife, Dorellen.
- **Human Sciences and Services (1982),** Water Street, north campus overlooking the Chippewa River.

**Residence Halls**

- **Aspenson Mogensen Hall (2017),** just across from lower campus on Water Street, 200+ students. Named for Eau Claire business owners John Mogensen, his daughter Michelle Mogensen, and Lisa Aspenson in recognition of their gifts of more than $1 million to the UW-Eau Claire Foundation.
- **Benjamin W. Bridgman Hall (1965),** upper campus. 116 men and 126 women. Named for a member of the first faculty (Physics, 1916-1941).
- **Chancellors Hall (2000),** upper campus. 81 apartments for 324 students. Named in honor of past, present, and future chancellors.
- **Governors Hall (1962),** upper campus. 134 men and 208 women.
- **Haymarket Landing (2016),** downtown Eau Claire. 417 students. Located next door to Pablo Center at the Confluence, a new campus-community arts center opened in fall 2018.
- **Emmet Horan Hall (1961),** upper campus. 206 men. Named for the businessman who was the first Eau Claire appointee to the Board of Regents of State Normal Schools.
- **Karlaard Towers Hall (1967; renovated 2017-18 and 2018-19),** upper campus. 435 men and 897 women. Named for alumnus David Karlgaard, a 1967 mathematics graduate, and his wife, Marilyn, in recognition of their gifts of more than $6 million to the UW-Eau Claire Foundation.
- **Oak Ridge Hall (1969),** upper campus. 64 men and 282 women.
Priory Hall (renovated 2014), three miles south of UW-Eau Claire’s main campus at The Priory. 48 single rooms for men or women. Located on 112 mostly wooded acres owned by a subsidiary of the UW-Eau Claire Foundation.


Laura E. Sutherland Hall (1965), upper campus. 144 men and 260 women. Named for a faculty member (History, 1921-1959; dean of women, 1939-1947).

Katharine Thomas Hall (1955), lower campus. 73 men and 71 women. Named for a member of the first faculty (Teacher Education, 1916-1946).

University Centers

W.R. Davies Student Center (2012), lower campus. Named for the second president (1941-1959) of the Eau Claire State Teachers College. The Davies Center is the hub of social and cultural interaction on the lower campus. Offering a number of meeting and program spaces, dining facilities, and service areas, Davies Center is the administrative core of the University Centers. It is also home to the Student Senate, the primary vehicle for student involvement in university governance; the University Bookstore; Blugold Dining/Catering Services; Marketplace, The Cabin and The Dulany Inn dining facilities; US Bank; Blugold Card Services; the Gender and Sexuality Resource Center; Woodland Theater; Event Services; and Activities, Involvement and Leadership.

Crest Wellness Center (1965), upper campus. Home of Student Health Service, Crest Fitness Center, University Police, Eagles View Challenge Ropes Course.

Hilltop Recreation Center (1968), upper campus. Offering a number of recreation spaces; dining facilities including the main cafeteria and the Riverview Café; and program spaces and service areas. Hilltop Center is the home base for Recreation and Sport Operations. It is equipped with a billiards center, lounge space, bouldering wall, group fitness studios and the Environmental Adventure Center, which offers indoor archery as well as outdoor adventure equipment rental.

Schofield Auditorium (1916; renovated in 2009), Schofield Hall, lower campus. Renovated in 2009 through a collaborative effort of Student Senate, University Centers, the Chancellors Office and UW-Eau Claire Foundation. Managed by University Centers, Schofield Auditorium is the largest fixed-seat venue on campus. With its state-of-the-art lighting, sound, video and seating, the venue hosts hundreds of large events every year.

Zorn Arena (1951), lower campus on Garfield Avenue. Named in honor of Willis L. Zorn, former dean of men, director of athletics and head basketball coach. Bill Zorn began his distinguished 40-year career at Eau Claire in 1928. Elected to the NAIA Hall of Fame in 1958, Zorn promoted “athletics for all” through the Men’s Athletic Association. The former physical education teaching facility was completed in 1951 and first used in 1952. Originally known as the Fieldhouse, the building was renamed the University Arena in January 1969 and later renamed for Zorn after his death in 1987. Managed by University Centers, Zorn Arena is the largest multipurpose facility on campus. It is the home for men’s and women’s basketball games and also the site of commencement ceremonies in December and May. Many of the university’s Artists Series performers and Forum speakers make their presentations in Zorn Arena, which can seat up to 3,400 people.

Sites and Collections Supporting Instruction and Research

On Campus:

The John L. Buchholz Jazz Library is a rare and extensive collection of jazz charts and recordings donated in 2012 to the UW-Eau Claire Foundation in honor of John L. Buchholz, professor emeritus of English. The longtime jazz musician was among the founding members of the UW-Eau Claire Jazz Ensemble in 1962 and performed throughout the region. This one-of-a-kind collection of more than 1,000 charts and 900 recordings includes works by Count Basie, Sammy Nestico, Bill Holman, Tommy Dorsey, Benny Goodman and many more legends of jazz. It is located in Archives and Special Collections in McIntyre Library.

In 2014, the UW-Eau Claire Foundation acquired the Frederick G. and Joan Christopherson Schmidt Robert Frost Collection, a rare assemblage of works by the 20th century American poet. The collection, which is housed in Special Collections and Archives in McIntyre Library, contains approximately 44 books authored by Frost, including several that have been signed and inscribed by the poet; dozens of books about Frost; and manuscript materials containing Frost’s handwritten poetry, Christmas cards and pamphlets.

The James Newman Clark Bird Museum, circular in shape, surrounds the planetarium in Phillips Science Hall. The collection of approximately 530 specimens and four dioramas depicting native birds in their natural habitats is used by students in biology. The museum is open to the public from 8 a.m. to 4:30 p.m. Monday through Friday, and at other times by appointment. For more information contact the department of biology at 715-836-4166 or biology@uwec.edu.

The L.E. Phillips Planetarium, located in the James Newman Clark Museum in Phillips Science Hall, contains a Spitz model A-3-P planetarium with a seating capacity of 50. The facility is used by classes in the department of physics and astronomy. A limited number of public events are also held at the planetarium.

The Priory, formerly known as St. Bede’s Monastery, was purchased in 2011 by Blugold Real Estate LLC, a subsidiary of the UW-Eau Claire Foundation, as an ideal facility for expanding UW-Eau Claire academic programming. Located three miles south of UW-Eau Claire’s main campus, the property includes 112 mostly wooded acres in the Town of Washington and three building complexes totaling approximately 80,000 square feet.

The Children’s Nature Academy is located at The Priory, with UW-Eau Claire students who are parents as the primary users of its child care services, including the infant and toddler care program. In addition to students who use the academy’s child care services, hundreds of students either work, volunteer or engage in observation activities at the academy annually.

The Priory also is the site of Priory Hall, offering renovated and modernized housing for 48 students in single-occupancy rooms.

Putnam Park, a 230-acre nature preserve in the midst of the campus and the only urban state natural area in Wisconsin, provides an area for the study of flora and fauna within easy walking distance of classrooms, as well as a place for relaxation and hiking. The park is traversed by Putnam Drive and by a nature trail, for which printed guides are available at the Service Center in Davies Center. For more information contact the department of biology at 715-836-4166 or biology@uwec.edu.

The S.W. Casey Observatory, located atop Phillips Science Hall, contains a computer-controlled, seven-inch Maksutov-Cassegrain telescope with a charge-coupled-device (CCD) camera. The observatory is adjacent to an
observing deck with 11 stations for student use in astronomy laboratory classes. These stations use eight-inch telescopes.

**Off Campus — Wisconsin:**

The **Hobbs Observatory**, located 15 miles east of the campus at the Beaver Creek Reserve, contains a 24-inch computer-controlled telescope, a 14-inch Schmidt-Cassegrain telescope, a CCD camera and a classroom. This observatory is open to the public on Saturday nights, when clear, from May through October.

The **James and Joan Leary Family Environmental Education Center** consists of 168 acres located in a popular four-season recreational area at the confluence of the Flambeau and Chippewa rivers. The land is surrounded by Chippewa County forest land. The Leary Family Environmental Education Center will become an integral part of the university’s Watershed Institute for Collaborative Environmental Studies. Information about the Leary Environmental Education Center is available from Dr. Karen Mumford, director of the Watershed Institute, at mumforkg@uwec.edu.

**Nature Conservancy Tracts**, owned by the UW-Eau Claire Foundation, include 320 acres of forest and marshland that are available for scientific investigations and class use. One of these, the Schmidt Tract, is approximately 30 miles east of Eau Claire in Clark County, and two are in Washburn County near Sarona and Spooner. More specific information concerning location and use of this land can be obtained from Dr. Paula Kleintjes Neff, department of biology, at kleintpk@uwec.edu.

**Off-Campus — Mississippi:**

The **Gulf Coast Research Laboratory (GCRL)**, Ocean Springs, Mississippi, is an out-of-state institution affiliated with the University of Wisconsin-Eau Claire. The GCRL offers two summer terms and provides students instruction in a marine environment. For more specific information contact Dr. David Lonzarich, department of biology, at lonzard@uwec.edu.

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**Campus Buildings**

**Fine Arts & Theater**

**Gymnasium**

**Library**

**Meggers Hall (Administration)**

**Physical Plant**

**Ritzinger Hall (Classrooms)**

**Student Center**

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**Other Campus Locations**

**Ampitheatre**

**Glenwood Commons Student Housing** (http://westcaprentalproperties.org/student-housing)

**Japanese Garden**

**Observatory**

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**Sites and Collections Supporting Instruction and Research**

**UW-Eau Claire—Barron County’s Library** has an extensive collection of resources. To learn more, please visit this website: https://barron.uwec.edu/library/about-the-library/.

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**UW-Eau Claire—Barron County Campus**

Campus Solution Center: 715-788-6244

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**Parking and Transportation Services**: Visitors should obtain a parking permit at the Solution Center in Meggers Hall. More information regarding parking can be found at https://barron.uwec.edu/about/maps-directions/.

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**Department Offices**

The office addresses of department chairs are listed in the departmental sections of the catalog.

<table>
<thead>
<tr>
<th>Academic Chair</th>
<th>Troy Kozma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus Director</td>
<td>Brittany Nielsen</td>
</tr>
</tbody>
</table>

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**Academic Building Abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Building Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>C.J. Brewer Hall</td>
</tr>
<tr>
<td>CEN</td>
<td>Centennial Hall</td>
</tr>
<tr>
<td>CWC</td>
<td>Crest Wellness Center</td>
</tr>
<tr>
<td>DC</td>
<td>Davies Center</td>
</tr>
<tr>
<td>HFA</td>
<td>Haas Fine Arts Center</td>
</tr>
<tr>
<td>HHH</td>
<td>Richard E. Hibbard Humanities Hall</td>
</tr>
<tr>
<td>HSS</td>
<td>Human Sciences and Services</td>
</tr>
<tr>
<td>L</td>
<td>Wm. D. McIntyre Library</td>
</tr>
<tr>
<td>MPE</td>
<td>Eugene R. McPhee Physical Education Center</td>
</tr>
<tr>
<td>NUR</td>
<td>Nursing</td>
</tr>
<tr>
<td>P</td>
<td>L.E. Phillips Science Hall</td>
</tr>
<tr>
<td>S</td>
<td>Schofield Hall</td>
</tr>
<tr>
<td>SSS</td>
<td>Schneider Social Science Hall</td>
</tr>
<tr>
<td>TH</td>
<td>Karlgaard Towers</td>
</tr>
<tr>
<td>VLL</td>
<td>Vicki Lord Larson Hall</td>
</tr>
</tbody>
</table>

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**Academic Building Abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Building Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRRH</td>
<td>Ritzinger Hall</td>
</tr>
<tr>
<td>BRMH</td>
<td>Meggers Hall</td>
</tr>
<tr>
<td>BRFA</td>
<td>Fine Arts/Theatre</td>
</tr>
<tr>
<td>BRLB</td>
<td>Library</td>
</tr>
<tr>
<td>BRSC</td>
<td>Student Center</td>
</tr>
<tr>
<td>BRPE</td>
<td>Gymnasium</td>
</tr>
<tr>
<td>BRPP</td>
<td>Physical Plant</td>
</tr>
</tbody>
</table>

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**Accreditation and Memberships**

The University of Wisconsin-Eau Claire is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. Address:

230 South LaSalle Street
Suite 7-500
Chicago, Illinois 60604
Specific programs or individual units of the University are accredited or approved by the following agencies, as explained in appropriate sections of the catalog:

AACSB International—the Association to Advance Collegiate Schools of Business
Accrediting Council on Education in Journalism and Mass Communication
American Chemical Society
American-Speech-Language-Hearing Association
Commission on Accreditation of Athletic Training Education
Commission on Collegiate Nursing Education
Council on Social Work Education
National Association of Boards of Examiners of Long Term Care Administrators
National Association of School Psychologists
National Association of Schools of Music
National Environmental Health Science and Protection Accreditation Council
Wisconsin Department of Health and Social Services
Wisconsin Department of Public Instruction
Wisconsin State Board of Nursing

The University is a member of the American Association of Colleges of Nursing, the American Association of Colleges for Teacher Education, the American Association of State Colleges and Universities, the American Association of University Women, the American Council on Education, the Association of American Colleges and Universities, the Council of Graduate Schools, the Council for Opportunities in Education, the Council on Undergraduate Research, the Wisconsin Campus Compact, and the Wisconsin Institute for Peace and Conflict Studies.

Continuing Education and Extension

The “Wisconsin Idea”

The “Wisconsin Idea,” a concept named after the state that pioneered its development, holds that the function of a university is not only to educate full-time students on its home campus, but also to extend educational opportunities and services to all citizens of the state. The Wisconsin Idea is incorporated into the general mission of the University of Wisconsin System and into the particular missions of the various institutions.

The University of Wisconsin-Eau Claire has long supported the Wisconsin Idea and the related idea of education as a process continuing throughout the lifetime of an individual. The University welcomes contemporary learners who wish to attend credit and non-credit courses for personal or professional reasons.

Further information may be obtained from the Office of Continuing Education (http://www.uwec.edu/CE).

University of Wisconsin-Extension

To increase the availability of educational opportunities both on and off campus, the University of Wisconsin-Eau Claire and University of Wisconsin-Extension cooperate in providing noncredit continuing education programs and credit courses designed for contemporary learners. Information about current offerings may be obtained from the Office of Continuing Education (http://www.uwec.edu/ce) at 715-836-3636, or toll-free (866) 893-2423.

Continuing Education – Connecting Campus and Community

Continuing Education addresses the needs of contemporary learners through credit and noncredit courses designed for students of all ages.

Noncredit courses and other services include:

- professional development programs for educators, health care, human services and business professionals.
- counseling, information, and entrepreneurial training through the Small Business Development Center.
- youth development programs that introduce, enrich, enhance, and develop skills and knowledge in a variety of areas.
- partnerships with school districts and CESAs that provide educational opportunities for area educators and youth.
- personal enrichment for the community.
ABOUT THE CATALOG

A Bulletin of the University of Wisconsin-Eau Claire
Volume 103

The Undergraduate Catalog is available on the UW-Eau Claire website (http://www.uwec.edu) and is supplemented by the following official publications of the University.

The class schedule (http://www.uwec.edu/Registrar/schedules), course catalog, and information about fees, is available prior to each term on the Registrar’s website and CampS.

The Your Right to Know publication, from the Student Affairs and Dean of Students Office contains additional information about campus life, activities, services, policies and regulations, safety, student rights, and the various offices through which they are administered.

The Graduate Catalog contains information about graduate programs including admission and degree requirements.

The provisions of this catalog do not constitute a contract between a student at UW-Eau Claire and the University. The sole purpose of the catalog is to provide regulations, course listings, degree programs, and fee schedules which are in effect at the time of publication. UW-Eau Claire reserves the right to change the regulations in this catalog at any time during the period for which it is in effect and to add, modify, or withdraw courses at any time. UW-Eau Claire, with the concurrence of the System Administration and the Board of Regents of the University of Wisconsin System, also reserves the right to change fees and to add, modify, or withdraw degree programs at any time. Effective dates of changes will be determined by the proper University authorities and published through Class Schedules or other official publications of the University.

The University further reserves the right to ask the student to withdraw for cause at any time.

The University of Wisconsin-Eau Claire is committed to a policy of providing equal educational and employment opportunity for all persons in accordance with Board of Regents Policy and applicable law. Discrimination or harassment based on any protected category that has the purpose and effect of adversely affecting any aspect or condition of a person’s education, employment, housing, or participation in a university activity or program is prohibited.

As a part of its continuing commitment to eliminate discrimination and harassment, the university has established procedures for providing prompt and fair resolution of complaints. All complaints, questions, or requests for information should be referred to the Affirmative Action Office (http://www.uwec.edu/affirm), Schofield 217, 715-836-2387, affirm01@uwec.edu.

The University of Wisconsin-Eau Claire makes available to the public, upon request, all consumer information required by Office of Education Rules and Regulations 178.1 through 178.8. Consumer information about the University includes, but is not necessarily limited to, the following: academic programs, educational costs, financial aid, academic progress requirements, student retention rates, career development, and employment data. Inquiries regarding this information may be made to the Student Affairs and Dean of Students Office, Schofield 240.

The University ensures students access to their official University records and maintains the confidentiality of personally identifiable information in accord with federal law. A Notice of Student Rights Under the Family Educational Rights and Privacy Act is available in the Your Right to Know (https://www.uwec.edu/kb/article/your-right-to-know-your-right-to-know) publication.
### CALENDAR FOR 2019-2020

#### Fall Semester 2019

**August**
- 26 Monday: First Day of Faculty Contractual Period
- 28 Wednesday: Advising and Registration
- 29 Thursday: Advising and Registration
- 30 Friday: Advising and Registration

**September**
- 2 Monday: Labor Day Holiday-University Closed
- 3 Tuesday: Advising and Registration
- 4 Wednesday: Classes Begin

**November**
- 27 Wednesday: No Classes-University Open
- 28 Thursday: Thanksgiving Day Holiday-University Closed
- 29 Friday: No Classes-University Open

**December**
- 2 Monday: Classes Resume
- 13 Friday: Last Day of Classes
- 14 Saturday: Study Day
- 16 Monday through 20 Friday: Final Examinations Week
- 21 Saturday: UW-Eau Claire Commencement
- 24 Tuesday: Holiday Break-University Closed
- 25 Wednesday: Holiday Break-University Closed
- 31 Tuesday: Holiday Break-University Closed

#### Winterim 2020

**January**
- 1 Wednesday: Holiday-University Closed
- 6 Monday: Classes Begin
- 20 Monday: Martin Luther King Jr. Holiday-University Closed
- 31 Friday: Last Day of Classes

#### Spring Semester 2020

**January**
- 30 Thursday: Advising and Registration
- 31 Friday: Advising and Registration

**February**
- 3 Monday: Classes Begin

**March**
- 23 Monday through 27 Friday: Spring Break
- 30 Monday: Classes Resume

**May**
- 15 Friday: Last Day of Classes
- 16 Saturday: Study Day
- 18 Monday through 22 Friday: Final Examinations Week
- 19 Tuesday: UW-Eau Claire- Barron County Commencement
- 23 Saturday: UW-Eau Claire Commencement

#### Three-Week Summer Session 2020

**May**
- 25 Monday: Memorial Day Holiday-University Closed
- 26 Tuesday: Classes Begin

**June**
- 12 Friday: Last Day of Classes

#### Eight-Week Summer Session 2020

**June**
- 15 Monday: Classes Begin

**July**
- 4 Saturday: Independence Day Holiday-University Closed
- 6 Monday: Classes Resume

**August**
- 7 Friday: Last Day of Classes

Additional calendar (http://www.uwec.edu/Registrar/calendar) information with dates and deadlines can be found on the Registrar’s website.
Students, alumni, and employers may be asked to participate in a wide range of assessment activities designed to provide useful information about the effectiveness of academic and co-curricular programs. From time to time during their courses of study, students may be asked to demonstrate the breadth and depth of their knowledge, skills, beliefs and attitudes in the areas related to the outcomes of their degree programs. All of our assessment efforts combine to improve student learning and program quality and form the basis of our culture of continuous improvement in support of UW-Eau Claire’s commitment to excellence.

The School Year

Each regular academic semester (Fall and Spring) consists of approximately 15 weeks, including days reserved for registration and final examinations.

The Summer Session is offered in two periods. Students may enroll for courses during a three-week period in late May and early June, during which three credits may be taken. Offerings include regular courses adapted to an intensive presentation as well as specially designed courses and study trips. An eight-week period is scheduled in June, July, and August. Although many courses run for the full eight weeks, others are scheduled in shorter blocks of time (two, four, or six weeks) for the convenience of summer students. Offerings include regular courses and special workshops or institutes at undergraduate and graduate levels.

The Winterim Session is offered during a four-week period between the fall and spring semesters. Offerings primarily include regular courses and may include travel seminars and field experiences.

With the exception of certain professional programs, curricula for baccalaureate degrees are designed to be completed by full-time students in eight regular semesters. Many students attend summer sessions in order to graduate earlier or take advantage of special offerings. Others, especially teachers in the area, find in the Summer Session an opportunity to strengthen professional competencies and to work toward graduate degrees.

The Calendar (http://www.uwec.edu/Registrar/calendar) in this catalog is supplemented by more detailed calendars, including official academic deadlines, registration dates, etc., which are available on the Registrar’s webpage.

Admission

All persons who wish to pursue a degree program at the University must file the following documentation with the Admissions Office, Schofield 111: an application for admission and any specific application fee, a high school transcript, test scores (when applicable), and official transcript(s) of all previous post-secondary work attempted or completed. Priority dates for applications are established each year. Contact the Admissions Office for information at admissions@uwec.edu or 715-836-5415.

Preparation for University Study

A successful University experience depends upon the student’s prior educational coursework in high school and post-secondary school, as well as other professional and personal experiences. Previous coursework and experiences should include a breadth of subject areas including English, both composition and literature; mathematics, natural science, history, and other social studies areas.

Admission of Freshmen

Freshman admission is competitive and selective. Academic preparation and success are the primary considerations for admission, although non-
academic factors are also considered. Each application for admission is given a comprehensive review. Freshman applicants are considered using the following guidelines:

1. Applicants must present evidence of graduation from a recognized high school or equivalent certificate.
   a. A recognized high school is one which either
      i. is operated by public school districts, or
      ii. is a private school accredited by an association that is certified by the U.S. Department of Education to accredit private schools, and those whose names appear in the Federal Register as an approved accreditation association, or
      iii. is a private school not accredited under (2) but may be "recognized" by an institution in the System based on the performance of previously admitted graduates from the high school.
   b. An applicant who has not graduated from a recognized high school must provide evidence of ability to begin college work. Such evidence may include General Education Development (GED) test scores or High School Equivalency Diploma (HSED) test scores, transcripts of course work completed in high school, high school rank-in-class before leaving high school, written recommendations, ACT/SAT test scores, and other evidence deemed appropriate by the University.

2. Applicants should complete a rigorous college preparatory curriculum.
   Applicants who take courses beyond the minimum will be considered strong candidates for admission. Applicants must complete a minimum of 17 units (one unit equals one year of high school study or equivalent) distributed as follows:
   - English (at least three composition and literature) 4
   - Mathematics (algebra, geometry, advanced college preparatory math) 3
   - Natural Science 3
   - Social Science (one must be world or American history) 3
   - Additional course work in any of the above areas as well as foreign language, art, music, speech, computer science, or other academic areas. 4
   Total Credits 17

1 In almost all high school curricula, algebra II or higher/advanced algebra is the third college preparatory mathematics course required.
2 Students who begin taking high school course work prior to high school (e.g., mathematics, foreign language in grade 8) are encouraged to continue rigorous course selection from core areas during grades 9-12.
   Some prior coursework may not satisfy the University admission requirements. For information on applicability of courses to admission requirements, contact the Admissions Office.

3. In addition to a rigorous high school curriculum, academic factors include high school class rank, high school GPA, trends in grades, course rigor, and test scores. Secondary non-academic factors may include, but are not necessarily limited to, leadership; community service; achievement in the arts, athletics, or other areas; and diversity in personal background and experience.
4. Test scores from The American College Testing Program (ACT) or Scholastic Aptitude Test (SAT) must be on file for all new freshmen under the age of 22. ACT is the preferred test. Students will not be disadvantaged in the admission process by taking one test rather than the other.
5. Particular consideration in admission will be given to applicants who have been out of school for two or more years; service veterans, as defined by state and federal policies; and students who have been challenged by a lack of educational opportunities.
6. Requirements for out-of-state students will be the same as those of resident students, except that special requirements may be adopted for international applicants. If the number of qualified out-of-state students exceeds the ability of UW-Eau Claire to accommodate them, the University shall determine the criteria for selection from among qualified applicants.
7. Final admission requires that students maintain their high school academic standing and successfully complete course work in progress as outlined on the application. The final (eighth semester) official transcript provided by the high school provides the required certification that the applicant has fulfilled this obligation. It is the student’s responsibility to ensure that the proper supporting documents have been delivered to the Admissions Office.

Competency-Based Admissions
High school students from schools that use a competency-based evaluation system may be considered for admission. High schools that use an alternative system such as this must complete the UW System Competency-Based Admission Profile. Contact the Admissions Office for additional information on the process and procedure.

Admission of Home-Schooled Students
Home-schooled students seeking admission as freshmen must have excelled academically in high school course work. They must have completed the minimum array of 17 units of rigorous college preparatory course work. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Each application for admission is given a comprehensive review.

Transfer Applicants
Transfer applicants will be considered for admission if their previous academic record qualifies them as students in acceptable standing when equated to the UW-Eau Claire standards in the Academic Standing and Progress policy. Transfer students are encouraged to apply for admission as early as possible prior to the semester in which they plan to enroll. Priority application dates, after which admission of qualified student cannot be guaranteed, may be established each year. Information about specific dates can be found on the UW-Eau Claire transfer admission website.

In addition to a rigorous college-level course curriculum, academic factors considered include cumulative GPA and trend in grades. Students with fewer than two semesters of college-level coursework (24 or more transferable credits) will be considered for admission based on both their college and high school records. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Higher academic expectations or earlier priority dates may be determined for specific majors to keep enrollments in line with program capacities.

Final deadlines to accept applications and supporting documents will be determined by the Admissions Office each semester and published on the UW-Eau Claire transfer admission website. It is the student’s responsibility to ensure that the proper supporting documents have been delivered to the Admissions Office.

Students who have registered at other colleges and universities may not disregard their records at those institutions. Failure to list previous college attendance on the application for admission is sufficient cause for cancellation of the student’s admission, of any credits earned, or both.
Transfer students who do not meet institutional admission criteria and are denied admission may appeal in writing to the Office of Admissions.

Transfer of Credits
Credits earned at an institution accredited by a regional or national accrediting organization recognized by the Council for Higher Education Accreditation (CHEA) may be considered for transfer and applied toward a degree if they are similar in content and rigor to the curriculum at UW-Eau Claire. The Admissions Office will prepare a transfer credit evaluation for admitted students. Appeal of the evaluation may be made to the Office of Admissions, the Chair of the academic department, the Dean of that College, and if necessary, to the Provost/Vice Chancellor. Students seeking a second baccalaureate degree or additional certifications are not given a transfer credit evaluation for their first degree; they receive specific advising from their academic department.

Associate of Arts and Sciences degrees from the University of Wisconsin System institutions (including the University of Wisconsin Colleges that meet the 1987 Board of Regents approved minimum requirements) satisfy the breadth of the UW-Eau Claire Liberal Education Core. Liberal Arts Associate of Arts and Science degrees from the Wisconsin Technical College System (earned in 2004 or thereafter) and Associate in Arts degrees from the Minnesota Colleges and Universities system (earned in 1994 or thereafter) satisfy the breadth of the UW-Eau Claire Liberal Education Core except for the Design for Diversity (DDIV) requirement within R1. Competency requirements, levels of proficiency, and specific courses are still required. Because individual baccalaureate degree programs stipulate specific courses, students should be attentive to the requirements of an intended major in planning their course selection prior to transferring. In certain fields, credits that were earned more than ten years prior to admission or readmission may be invalid as degree credits. Students who transfer from the Wisconsin Technical College System or other accredited two-year institutions may transfer a maximum of 72 credits from those institutions.

Credit may be granted for post-secondary coursework at a foreign institution if the institution is recognized as a degree-granting institution by the country’s Ministry of Education. Professional organizations such as the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and NAFA: Association of International Educators are utilized for information about best practices regarding evaluation of foreign credits and credentials.

Transfer of WTCS Applied Associate Degree Credits
UW-Eau Claire may transfer and apply coursework in general studies from the Wisconsin Technical College System within areas of communications, behavioral sciences, social sciences, mathematics, and natural sciences from programs leading to an applied associate degree. Credits that are occupational and technical in nature may be considered for transfer on a case-by-case basis. To be considered for transfer, credit must have been earned after September 1989.

Reentry
All students who have been away from the University for two consecutive full-term semesters or more must file a reentry application. Students seeking reentry are encouraged to submit an application as early as possible prior to the semester in which they wish to return. Reentry after the term starts is not guaranteed. Students returning after an absence of two or more consecutive full-term semesters must meet the degree requirements of the catalog in effect upon their return, or a subsequent catalog.

Admission as a Special Student
Persons who have graduated from a recognized high school, or have the educational equivalent, but who are not interested in seeking a degree, may attend the University as special students. Admissions Office will prepare an evaluation for those students. Appeal of the evaluation may be made to the Office of Admissions, the Chair of the academic department, the Dean of that College, and if necessary, to the Provost/Vice Chancellor. Students seeking a second baccalaureate degree or additional certifications are not given a transfer credit evaluation for their first degree; they receive specific advising from their academic department.

Admission of Veterans
If a veteran who is not a high school graduate may be admitted on the basis of recommendation and/or data demonstrating high ability in a specific area of University study. For more information, contact the UW-Eau Claire Admission Office (https://www.uwec.edu/admissions/contact-us).

Once admitted, High School Special students will be contacted by Advising, Retention and Career Center to set up a meeting with an advisor. Placement tests may be required before meeting with an advisor. High School Special students are limited to twelve credits per semester and must meet the academic standards of the University (see Academic Standing and Progress (p. 42)). High School Special students register during special student registration on a space available basis.

Admission to University of Wisconsin- Eau Claire - Barron County
As a campus of access, students may be admitted to UW-Eau Claire - Barron County as a first-year, transfer, re-entry, or international student based on the published criteria. However, exceptions can be made to these requirements.

Admission of Veterans
A veteran who is not a high school graduate may be admitted on the basis of results required by the Admissions Office.

Veterans and certain eligible dependents may be entitled to educational benefits under various programs administered by the Veterans Administration (see Veteran Services Office). Veterans and eligible dependents may obtain these benefits while pursuing a course of study at UW-Eau Claire. Students enrolled as undergraduates, under these programs must typically carry 12 hours of credit during each semester of the academic year to be considered full time for Federal VA education benefit allotments. Graduate students must typically carry 9 credits to be considered full time for VA education benefits.
### Admission for Residents of U.S. Territories
Residents from Territories of the United States are admitted on the same basis as United States Citizens.

### Admission of Permanent Residents
Permanent residents are admitted on the same basis as United States Citizens. Students are required to provide copies of both sides of their permanent resident cards.

### Admission for International Students
UW-Eau Claire welcomes applications from students from other countries. International students must complete an application for admission, pay the application fee, provide evidence of English proficiency, confirm financial sponsorship, and submit academic records and examination results. Further information about the application process and required documents is available on the UW-Eau Claire international admissions website.

Final deadlines to accept applications and supporting documents will be determined by the Admissions Office each semester and published on the UW-Eau Claire admissions website.

### Paying for College

#### Tuition and Fees
The fees and procedures described in this section are estimates. Prospective students should refer to the Class Schedule, which will contain links to up-to-date information about fees. Fee information can be found on the Blugold Central home page (http://www.uwec.edu/busoff).

The payment of fees entitles a student to a student identification (ID) card. This card entitles the student to attend most University activities and to make use of University facilities (see Your Right to Know handbook (https://www.uwec.edu/kb/article/your-right-to-know-your-right-to-know) and Blugold Card Services (p. 32) section). Undergraduate students receive most of their required textbooks on a rental basis (see Textbook Rentals (p. 33)).

#### Tuition and Residency
A Wisconsin Statute requires the payment of nonresident tuition by students who are residents of states other than Wisconsin or who have not been bona fide residents of Wisconsin for one year (12 months) immediately preceding the beginning of the semester for which they are registering.

For undergraduate and graduate students, determination of resident status for tuition purposes is made by the Office of Admissions at the time of admission.

If the original residence status for tuition purposes is designated as nonresident, this status remains in effect unless the student requests and is granted reclassification. Such requests should be addressed to the Office of Admissions prior to the beginning of the semester in which reclassification is to take effect.

### Minnesota-Wisconsin Tuition Reciprocity
The current reciprocity agreement between Minnesota and Wisconsin enables Minnesota residents to attend Wisconsin public institutions of higher education at rates approximating tuition prevailing in the Minnesota State University System. Those wishing to take advantage of this tuition remission must apply well in advance of their initial enrollment at a Wisconsin System institution. Approval covers the full year (including Summer Session) and is automatically renewed each year for the campus initially approved. Information is available from the State of Minnesota Office of Higher Education Reciprocity Program, 1450 Energy Park Drive, Suite 350, St. Paul, MN 55108-5227. Phone: (651) 642-0567 or toll-free (800) 657-3866. Assistance in obtaining application forms is available at Minnesota high schools. Students may print an application or apply for reciprocity online (http://www.ohe.state.mn.us).

### Miscellaneous Fees
Fees for certain special courses are listed in CampS and can be found by using the class search feature located under self service. A $50 fee must accompany each application for admission to an undergraduate program. A $56 fee must accompany each application for admission to a graduate program.

### Fee Schedule

#### UW-Eau Claire:

<table>
<thead>
<tr>
<th>Fees</th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$4410</td>
<td>$8550</td>
</tr>
<tr>
<td>Graduate</td>
<td>$4685</td>
<td>$9700</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$4108</td>
<td>$4108</td>
</tr>
</tbody>
</table>

Undergraduates taking more than 18 credits are assessed an additional per credit fee. Please refer to the Blugold Central (https://www.uwec.edu/blugold-central) website for up-to-date fee information.

#### UW-Eau Claire Barron County:

<table>
<thead>
<tr>
<th>Fees</th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Degree</td>
<td>$2686</td>
<td>$6472</td>
</tr>
<tr>
<td>Bachelor of Applied Arts and Sciences (BAAS): Per Credit</td>
<td>$289</td>
<td>$604</td>
</tr>
</tbody>
</table>

### Excess Credits Surcharge

In accordance with Board of Regents policy, all resident undergraduate students who accumulate 165 credits (or 30 credits more than required by their degree programs, whichever is greater) will be charged a surcharge, equal to 100 percent of the regular resident tuition on credits beyond that level (total tuition will equal twice regular resident tuition). For information about credits required in a specific degree program or information concerning appealing the surcharge, contact the Registrar.
Partial Payment Plan
A down payment is required to enter the Partial Payment Plan and must be received by Blugold Central no later than the date published in the current Class Schedule for each term. In addition, all students must sign and return a Payment Plan Agreement/Email Authorization form each term. Installments will be due according to the published schedule and will be subject to a finance charge on the unpaid balance (see the Payment Information and Due Dates [http://www.uwec.edu/Busoff/studentfinancials/PayInfo.htm] website for due dates and finance charge rates). Failure to make installment payments on time will result in a hold on academic records and on registration for future terms.

Refund of Fees
Refunds may be made as the result of withdrawal from the University or a reduction in the number of enrolled credits. Degree-seeking students wishing to withdraw from all their classes are required to meet with their Advisor prior to withdrawing from classes. In determining the academic withdrawal date, the University will use the date that the student notified the University of his or her intent to withdraw. The dates and corresponding amounts of refund can be found on the Refund Schedule / Financial Aid Repayment Notice (http://www.uwec.edu/Busoff/studentfinancials/refundover.htm) website. A credit balance of less than $3.00 will not be refunded unless requested.

Refund of Room and Board Payments
Students who are granted permission to cancel their residence hall contract without withdrawing from the University will be refunded room and board charges on a prorated basis. The room deposit will be forfeited.

Students who are suspended by the University will be refunded room and board fees, including the room deposit, on a prorated basis. A credit balance of less than $3.00 will not be refunded unless requested.

The above policies apply to all persons who reside in University housing.

Deposits
A enrollment deposit is required for new freshmen entering in the fall and spring. The deposit will be applied to fees when the student completes registration. The amount, date due, and refund policy are specified in the orientation brochure, which is sent to each new freshman prior to the Summer Orientation session.

A $75 room deposit/advance payment is required for all students applying for housing. The deposit is in addition to the room fees and is intended to serve as a reservation deposit for the contract. The money is held in escrow and applied to second semester fees. If the student does not complete the contract for the full academic year, the deposit is forfeited. If the contract is for a new student, the deposit will be refunded if the Housing and Residence Life Office receives a written request from the student before May 1 of the preceding year. Returning students will have their advance deposits refunded if the Housing and Residence Life Office receives a written request from the student before May 1 of the preceding academic year. Those students who voluntarily cancel their contracts after these dates shall forfeit the deposit.

A $75 room deposit is also required for room reservations for students entering at spring semester.

Financial Aid
The University of Wisconsin-Eau Claire offers financial assistance through scholarships, grants, loans, and student work experience. The majority of this assistance is awarded based on financial need. There are, however, resources available through scholarships, unsubsidized loans, and student employment for students who do not qualify for need-based aid.

Financial need is based on the student’s educational expenses and the contribution that is calculated using the financial information provided on the Free Application for Federal Student Aid (FAFSA). For detailed information on financial aid, visit the UW-Eau Claire Financial Aid (http://www.uwec.edu/finaid) website.

How to Apply
Students must complete the Free Application for Federal Student Aid (FAFSA) [https://fafsa.ed.gov] each year in order to apply for all need-based programs as well as for the Direct Unsubsidized Ford Loan, the Parent Loan for Undergraduate Students, and the Graduate PLUS Loan. CampS (https://my.uwec.edu) is a resource for specific information about current financial aid status and financial aid disbursed on students’ accounts.

Deadlines
To assure first consideration for funding, the FAFSA should be submitted by April 15 (Freshmen should apply by March 15 to receive financial aid information by May 1). Late applications will be considered for aid based on funds available. Students who apply late or who do not turn in the required additional paperwork need to be prepared to pay their institutional charges by the due date if their financial aid is not available.

A separate financial aid application is required for Winterim and Summer Session and is available through CampS (https://my.uwec.edu). A current FAFSA must be on file to apply for Winterim or summer aid.

Enrollment Status
Students must be enrolled at least half-time to qualify for most types of aid, although undergraduate students who have very high need may qualify for a small Pell Grant at less than half-time status. Enrollment status for financial aid purposes is determined by the student’s total credits at the end of the tenth day of classes. Financial aid is adjusted at that point, if necessary. Six credits is considered half-time for undergraduate students for the academic year and summer. For graduates, four credits is half-time during the academic year and three credits is half-time during summer.

Students participating in a full-time equivalent internship may be considered for aid as a full-time student even though actual enrolled credits are less than full-time. Costs of attendance for financial aid will be calculated on actual tuition costs.

Students admitted as Special Students are not eligible for financial aid.

Standards of Satisfactory Academic Progress for Financial Aid
Federal regulations require students to maintain satisfactory academic progress toward a degree in order to receive financial aid. The University of Wisconsin-Eau Claire is required to develop and apply a consistent and reasonable standard of satisfactory progress for all students receiving federal financial aid. These standards are applied to all periods of attendance, regardless of whether a student has received financial aid in the past. A complete copy of the University of Wisconsin-Eau Claire’s Financial Aid Satisfactory Academic Progress policy (https://www.uwec.edu/tuition-financial-aid/financial-aid/satisfactory-academic-progress) is available at the Financial Aid website under “Policies.” There are three standards or components of satisfactory progress:
The specific repayment priority is:

1. Unsubsidized Ford Loan
2. Subsidized Ford Loan
3. Perkins Loan
4. Parent’s Loan for Undergraduate Students
5. Pell Grant
6. Supplemental Educational Opportunity Grant
7. Other federal aid programs

For information about the refund calculations, contact Blugold Central.

For state funds, institutional funds, and outside resources:

Financial aid received from state, institutional, and outside resources is not part of the federal return of funds repayment calculation. If remaining funds are available from the institutional refund after the federal return of funds requirements are satisfied, the remaining refund will be distributed in the following priority order:

1. State aid programs
2. Institutional programs
3. Outside financial aid resources, if appropriate
4. Student

Credit Drop (but not withdrawal from the University)

If a student drops credits before financial aid has been disbursed, the aid must be adjusted, if necessary, to correctly reflect the current enrollment status before aid can be disbursed. Final aid eligibility is based on enrollment status on the 10th day of classes. If a student changes enrolled credits after aid is disbursed, resulting in a change in the student’s eligibility, aid will be adjusted. This could result in a student having to repay some of the aid received for the term.

Additional Sources of Financial Assistance

Graduate Students: Graduate students are eligible for scholarships, assistantships, loans, and employment programs. Contact the Office of Admissions (attention: Graduate Admissions), UW-Eau Claire, Eau Claire, WI 54701, or call 715-836-4733 for application procedures for graduate student financial aid.

Veterans Administration Grants, G.I. Bill Benefits, National Guard Tuition Grants, Wisconsin Veterans Grant, Veterans’ Work Study: A Veterans Counselor is available in Blugold Central for students seeking information or assistance with these programs.

Vocational Rehabilitation: Various financial programs are available to students who qualify. Further information is available from area Vocational Rehabilitation offices.

Scholarships

A combination of federal, state, university, and private scholarships are available to UW-Eau Claire students on the basis of academic excellence or special talent. Some scholarship programs also specify financial need as a requirement of eligibility. Award amounts and student eligibility requirements vary depending on the individual scholarship criteria.
UW-Eau Claire Foundation
Scholarships and Awards

Each year, the UW-Eau Claire Foundation provides over $2 million in scholarships, grants, and awards to UW-Eau Claire students. Over 900 different awards benefiting more than 1,200 students are available, all provided through the generosity of alumni and friends of the university.

Information about these scholarships, including scholarship applications, scholarship criteria, and award amounts is available through the Gold for Blugolds Scholarship Network (https://uwec.scholarships.ngwebsolutions.com). You can also visit the Foundation’s Student Scholarships (https://www.uwec.edu/Foundation/what/scholarships/scholarship-search.htm) page, which provides a comprehensive explanation of how to find information about scholarships.

For more information about a specific scholarship or for any application related questions, contact the department responsible for the award. For other scholarship related questions, contact the UW-Eau Claire Foundation at scholarships@uwec.edu.

National Merit Scholarship

UW-Eau Claire is one of the few Wisconsin public universities to participate in the prestigious National Merit Scholarship Program. Finalists who specify UW-Eau Claire as their first choice Institution by the National Merit Corporation deadline will be eligible for this scholarship. Admissions applications of finalists will be reviewed for the selection process. There is no separate application to apply.

Tuition Remission

Wisconsin Statutes provide for awarding a limited number of tuition remissions to students who are not residents of Wisconsin. These awards range in value and can be up to the difference between resident and nonresident tuition.

Remissions for Nonresident Students

Students who are not residents of Wisconsin are considered for tuition remission by submitting the FAFSA.

Remissions for International Students

Undergraduate international applicants are considered for an annual award ranging from $1,000 to full non-resident remission. Awards are based on academic merit and financial need. Students apply after they are accepted. Continuing students must reapply annually.

Private Scholarships

Many private scholarships are sponsored by civic organizations, clubs, industries, and businesses. Students should contact their local high school counselors or principals for information about private scholarship programs available in the local community. The Financial Aid Office website (http://www.uwec.edu/finaid/aid) features links to free scholarship search services, under “Scholarships.”

Grants

A grant is gift assistance and does not have to be repaid. Various grants are awarded to students who establish a high financial need as determined by federal and state guidelines. For more information, see the Grants (https://www.uwec.edu/tuition-financial-aid/financial-aid/types) section under Types of Aid on the Financial Aid website.

Loans

Loans must be repaid and may be “subsidized” or “unsubsidized.” Subsidized loans do not accrue interest until after the student is no longer enrolled. Unsubsidized loans accrue interest at the time the loan is disbursed. For more information, see the Loans (http://www.uwec.edu/finaid/loan.htm) section under Types of Aid on the Financial Aid website.

Ombudsman

The Department of Education has established an ombudsman to work with student borrowers to informally resolve any loan disputes or problems. If you have concerns about the terms of your loan that cannot be resolved by talking to your lender, you are encouraged to contact the Ombudsman Customer Service Line at (877) 557-2575.

Employment Opportunities

Employment opportunities are available through the University and in the local community. Available positions are posted on the online Student Employment portal. For more details about student employment opportunities, see the Student Employment (http://www.uwec.edu/finaid/employment) section of the Financial Aid website.

Student Resources

Students can leverage a wide scope of resources on campus to reach their full potential. The campus provides a variety of services and resources to guide students through their academic careers.

Library and Technology Resources

Classroom instruction at the University is supplemented by services provided to the entire academic community and by the specialized resources of individual departments, including a number of facilities and collections which are made available to the public.

McIntyre Library

McIntyre Library supports students, faculty, staff and the public through its spaces, collections and services. The library’s collections serve all disciplines at the university. In addition to 500,000 print books, journals and other media items, distinct collections include:

- online databases providing access to millions of articles, e-books, streamed videos, statistical resources and more
- Blugold Makerspace, an audiorecording lab and virtual reality room, providing all students with access to and instruction in using myriad technologies, tools, and supplies for experimenting, prototyping and creating.
- a children’s and young adult literature collection
- state and federal government documents for which the library serves as a selective depository
- Special Collections and Archives, which houses historical manuscripts, artifacts, documents, public records, maps, and photographs; rare books; and university records and theses.

Through the library’s resource sharing services, students have access to the book collections of all UW-System libraries, and can borrow books and articles they need for their research from libraries worldwide. The library provides access to space, equipment and technology for experimentation and hands-on learning. Laptop computers, DSLR cameras, audio recording equipment,
a portable sound system, and device chargers are just a few examples in the growing equipment lending collection.

The library provides one-on-one research assistance and information literacy course instruction. Students can access these services via the Research Center on the 1st floor on a walk-up basis, via online chat, and through scheduled consultations with librarians. Individualized assistance and course instruction are also available in the Special Collections and Archives Department.

The library provides a variety of spaces to accommodate student and researcher needs:

- quiet study areas of the 4th and 5th floor
- group study rooms and collaborative computer stations
- hundreds of computers throughout the 6-story structure
- lounge seating with views of the Chippewa River and Little Niagra Creek
- a 24-hour study area

The library houses the Honors Center and the Center for Writing Excellence, a Financial Literacy Center, and Converge Radio Station. Additionally, the library provides amenities supporting mind-body wellness, including exercise equipment, an SADD light station, and the "Rest Nest" relaxation space (a service of Student Health Services).

More information about McIntyre Library can be found on the Library’s [http://www.uwec.edu/library](http://www.uwec.edu/library) webpage.

**Learning and Technology Services**

Through collaboration with others, we continue to develop innovative solutions to enhance information technology, learning, and teaching. Whether we lend our support to technology, infrastructure, or people, we are committed to the goal of excellence in education at UW-Eau Claire. For more information, visit the LTS ([http://www.uwec.edu/lts](http://www.uwec.edu/lts)) website.

**LTS Help Desk**

In addition to providing effective and responsive resolution of information technology questions through telephone, email, and walk-in consultation, the LTS Help Desk is the front line of support regarding learning and technology services. Call the LTS Help Desk at 715-836-5711 (or any LTS staff member) for assistance with these services.

Primary service areas include the following:

**Communications**

- Maintain access to the voice and data communications network, including wireless
- Provide for the security and integrity of data
- Administer email
- Maintain information systems
- Administer voice communications, including Voice over Internet Protocol (VoIP)
- Design, maintain, and support University websites

**Learning Spaces**

- Repair and provide operational support for equipment
- Design, maintain and modernize classroom technology
- Manage and provide support for general access and curricular computing labs

**Distance Learning**

- Design and support distance learning technologies for the delivery of synchronous and asynchronous instruction
- Administer and support course management systems (Desire2Learn)
- Provide streaming media capability

**Housing and Residence Life**

- Support for the computing and networking infrastructure within residence halls

**Media and Production**

- Record audio and produce soundtracks
- Record and edit video
- Support the campus academic cable system
- Provide instructional and campus photographic needs
- Produce graphic arts support for academic endeavors
- Produce instructional materials

**Technical Assistance and Training**

- One-on-one technology training
- Group technology training by request
- Curriculum support
- Scheduled technology workshops
- Assist with poster development and printing

**Computing Services**

(Vicki Lord Larson Hall 1106)

UW-Eau Claire continues to transition to the use of technologies which can put more control into users’ hands, speed up processes for students, and increase the efficient use of resources.

MyBlugold CampS allows students web-based access to registration, schedules, course information, and other common links. Students can access grades, request degree audits, and change personal information such as their address and password. MyBlugold CampS also provides links to academic, career, computing, and other resources for students.

All students are automatically assigned an email account, username, ID#, and PIN (Personal Identification Number) upon enrolling in any credit course. If a student enrolls in consecutive terms, the email account will remain continuously in effect.

UW-Eau Claire uses email as a primary means of communication. It is a student’s responsibility to activate the University email account since the University distributes grades, bills, and some financial aid information via email. Many instructors and advisers use email to contact students about class assignments and/or require students to correspond or participate via email in some way.

Some courses have web-based components which allow students to not only receive course information on the Web and/or use it for research, but also to communicate with the instructor or other class members, and to collaborate on group projects online. To feel comfortable using the system, an introduction is offered and the LTS Help Desk will provide support.

General Access and Residence Hall labs provide students with access to these campus computing resources as well as standard (e.g., Microsoft) and curricular-specific software. Students may also check out a laptop computer at no charge at the circulation desk in the Library. Students are provided with
Academic Opportunities

Blugold Fellowship Program

The Blugold Fellowship program recruits high school students to come to UW-Eau Claire and perform research with a faculty member during their first and second years. The fellowship is awarded to incoming freshmen based on research interest and merit and includes a scholarship and work-stipend. The program places students with faculty mentors and allows them to perform research in order to expose them to scholarship early in their university careers. The program highlights the opportunities available at UW-Eau Claire, including those provided through the UW System Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Visit the website (http://www.uwec.edu/blugoldfellows).

Student Success Program

Student Success is a one year academic support program that provides small classes and a structural introduction to the university. Participants are admitted to the University of Wisconsin-Eau Claire through the Student Success Program because they demonstrate the potential to succeed and may need additional support as they transition to college. The program is a collaborative effort among individuals, departments, and units across campus. Visit our website (https://www.uwec.edu/academic-skills-center/programs).

Developmental Education Program

The Developmental Education Program, coordinated by the Academic Skills Center, provides courses designed to strengthen students’ college level learning strategies and critical thinking skills. It also serves to familiarize students with a wide range of academic support services and increase academic self-confidence. These courses are designed to meet the needs of students who are entering college with concerns about their academic learning strategies and are available on a preassigned basis. Further information may be obtained from the Coordinator for Developmental Education or visit this website (http://www.uwec.edu/academic-skills-center/programs).

Educational and Community Services

Academic Intervention Clinic

The Academic Intervention Clinic, a program sponsored by the Human Development Center, provides school-aged children and adolescents with educational support in the areas of math, reading, and written language. Undergraduate student clinicians conduct state-of-the-art academic evaluations, develop and implement a comprehensive intervention program, provide on-going progress monitoring, and consult with parents and teachers. The program is housed within the Human Development Center with student clinicians also providing services in local elementary schools. The Academic Intervention Clinic also supports a Summer Reading Program. Faculty-student collaborative research experiences that focus on applied practice are available to undergraduate students.

Center for Communication Disorders

The Center for Communication Disorders provides diagnostic and intervention services to clients ranging in age from infants to the elderly. Graduate and undergraduate student clinicians, under faculty supervision, work in the clinic with clients who have communication disorders of all types including problems with voice, stuttering, speech sound production, hearing, and language. The Center is located on the first floor of the Human Sciences and Services building and provides services at no cost to clients. Visit the website (https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/communication-sciences-disorders/about/community-resources/center-communication-disorders) or call 715-836-4054 for additional information or to make appointments.

Human Development Center

The Human Development Center (HDC) is an interprofessional program that works with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, student clinicians from Communication Sciences and Disorders, Reading Education, Nursing, Psychology, Special Education, and Social Work provide assessment, intervention, and consultation services to children, adolescents, young adults, and families referred from the community. Undergraduate and graduate students from these disciplines work collaboratively on interprofessional teams to provide high quality services to clients. The HDC also sponsors research programs involving academic assessment and intervention, behavioral health, and child and school psychology. The HDC is located on the first floor of the Human Sciences and Services building. Visit the website (http://www.uwec.edu/HDC) or call 715-836-5604 for more information.

Psychological Services Center

The Psychological Services Center, a clinic staffed by faculty members from the Department of Psychology’s School Psychology Program, is located within the Human Development Center. The center provides psychological and family assessment and intervention, parent training, and academic and behavioral consultation services to clients referred from the community. Allied disciplines also participate in the center, providing a variety of consulting services, including health, education, and assessment.

Intercultural Immersion Experiences

Immersion programs are guided, critically-reflective domestic intercultural and international experiences that aim to deepen students’ intercultural competence through global engagement, study and experience. Short-term programs (about 20-25 each academic year) are offered to various locations within the United States and internationally, led by UW-Eau Claire faculty/staff with curriculum relating to the UW-Eau Claire Liberal Education Learning Goals. As part of the University’s commitment to providing high-impact learning experiences for all students, Blugold Commitment Differential Tuition supports three intercultural immersion programs by providing funding to decrease student costs and thus increase access to high-impact learning experiences for all students.

1. The Faculty-Led International Immersion Experiences (FLIE) Program offers short-term (2-6 weeks over Summer or Winterim term) study abroad programs led by UW-Eau Claire faculty and staff. Each program includes pre-experience preparation and orientation, cognitively rigorous in-country experiential learning activities that allow students to immerse themselves into local cultures, and post-experience guidance to bring learning and capacity back to campus.

2. The Domestic Intercultural Immersion (DII) Program prepares students to take part in an increasingly diverse and interconnected world by offering short-term programs (1-2 weeks during Fall semester, Winterim, Spring Break, and Summer term) within the United States. By engaging firsthand with underrepresented and historically marginalized populations, communities, and environments within the U.S., participants develop new understandings of prevailing power structures and privilege and how these institutions are embedded in race, gender, class, ethnicity, religion,
and other forms of identity to help expand students’ interpersonal and intercultural skill set and awareness.

3. The International Fellows Program (IFP) for Research, Service, and Creative Activity supports international student-faculty collaborative research, creative activity, and research service-learning projects. This program enhances student research skills and international cultural competency, as well as develops faculty expertise in global research topics.

For detailed information about each program, visit the website (http://www.uwec.edu/undergrad/immersionexperiences.htm).

**International Education (Center for)**

**International Education (Center for)**

The Center for International Education (CIE) is committed to providing high quality international programs and international support services to the University community. It supports campus internationalization initiatives and advocates for intercultural competency and lifelong inquiry.

Two units within the Center for International Education work to support UW-Eau Claire students:

**Study Abroad**

The Center for International Education (CIE) strives to make study abroad that is affordable and connected to the curriculum available to every UW-Eau Claire student. With study abroad programs on every populated continent, nearly 22 percent of UW-Eau Claire students choose to take part in the life-changing experience of living and learning in another country. To ensure that courses taken abroad will be appropriate to their academic programs at UW-Eau Claire, students should begin to plan for international study as early as possible, in consultation with their academic advisor(s) and CIE study abroad coordinators.

Important notes about study abroad:

- To participate in international programs, students must be in good standing—academic, financial, and conduct—and meet program eligibility requirements.
- Credits and grades earned on UW-Eau Claire programs abroad are resident credits and are applied directly to the student’s record.
- Regular financial aid may be used on UW-Eau Claire programs. Grants and scholarships are also available to support study abroad.
- Available programs are more fully described in International Studies course descriptions (College of Arts and Sciences).

**International Students and Scholar Services**

The Center for International Education welcomes students and scholars from throughout the world. Hosting students from many nations, the University is a global community in western Wisconsin. International student and scholar staff coordinates the following core services:

- Student and scholar immigration advising, compliance, and documentation.
- Intensive English Program.
- CHEPD (China 121) dual degree coordination.
- Sponsored student coordination.
- International student support programs: Host Friend Program and International Buddy Program.

International students should be aware of the following policies that apply to their experience:

- International students must seek permission for any and all employment while in the United States due to U.S. immigration limits and regulations on employment.
- All international students are expected to live in University residence halls during their first year. A formal written appeal to the housing requirement may be made to the Director of the Center for International Education.
- All international students are required to enroll in the UW System Student Health Insurance Plan.

Further information and assistance is available from the Center for International Education and this website (http://www.uwec.edu/cie).

**National Student Exchange**

The National Student Exchange (NSE), a consortium of more than 175 state supported colleges and universities, allows students to attend school in another area of the United States as well as Canada, Guam, Puerto Rico and the Virgin Islands for up to one academic year. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social, and cultural awareness. Through a simplified admission process, students are able to enroll at their host universities and pay tuition at UW-Eau Claire. Grades and completed course work are incorporated into the student’s UW-Eau Claire transcript, and are considered resident credit.

To qualify, a student must

- be currently enrolled as a full-time undergraduate student at UW-Eau Claire in the term prior to exchange;
- have a minimum 2.50 GPA;
- be in good academic, personal, and financial standing at UW-Eau Claire.

For more information about NSE, contact (715) 836-2003 or visit their website (http://www.uwec.edu/DOS/programs/nse).

**Ronald E. McNair Postbaccalaureate Achievement Program**

The Ronald McNair Postbaccalaureate Achievement Program is a graduate school preparatory program funded by the U.S. Department of Education and sponsored by UW-Eau Claire. Named after American astronaut Dr. Ronald McNair, the McNair program aims at leveling the playing field in graduate education and to diversify the American research community by class, socioeconomic status, and ethnicity.

The mission of the McNair Program is to prepare scholars for research based graduate level studies, and ultimately, a doctoral degree. Annually, up to 27 undergraduates participate in the UW-Eau Claire McNair Program. At least two-thirds of the participants meet federal income guidelines and are from a family in which neither parent graduated from a four-year postsecondary educational institution and at least one-third of the participants will be from groups that are traditionally underrepresented in graduate studies. (The federal government defines “underrepresented” to include: Black (non-Hispanic); Hispanic; and American Indian/Alaskan Native, Native Hawaiians and other Pacific Islanders.)

Along with the McNair staff, a dedicated mentor in the scholar’s primary field of research works with the scholar over a two-year time period on research and materials that will assist the student in securing a place in a doctoral program. Some of the activities that McNair scholars participate in include developing an understanding of the research process, learning about a peer-reviewed publication process, developing an understanding of the grant writing process,
working one-on-one on preparing CVs, applying for graduate school, traveling to present at the McNair conference and graduate school site visits.

Visit the website (http://www.uwec.edu/mcnair) to learn more about the McNair program and for contact information.

Undergraduate Research

UW-Eau Claire is the Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Many students work with a faculty mentor in their discipline to engage in scholarly projects. Results of these projects are presented on-campus at the Celebration of Excellence in Research and Creative Activity (CERCA) each spring, and many are also shared at professional conferences or through publication. Students involved in these activities develop a host of skills that prepare them for graduate studies and/or professional employment. Through the Blugold Commitment Differential Tuition program, funding is available to support student participation in research and scholarly projects that produce research results and creative works, and to travel to professional conferences to present their results.

The mission of the Office of Research and Sponsored Programs (ORSP) is to maintain a supportive environment for research and scholarly and creative endeavors of the faculty, staff and students. This is accomplished through events that showcase research, such as the annual Celebration of Excellence in Research and Creative Activity (CERCA), the Faculty/Staff Forum and the Authors Celebration, through funding programs that support research activities, through publications about campus research activities, and through services such as seminars, workshops and individual consultations on grant-seeking and undergraduate research collaboration. For more information, contact the Office of Research and Sponsored Programs (Schofield 17) at 715 836-3405 or visit the website (https://www.uwec.edu/orsp/students/student-faculty-collaborative-research-guide).

Academic Services

Academic Advising

Advising, Retention + Career Center

Advising:

Students will have an academic advisor and a faculty advisor from their major to assist them in developing academic and career goals based on their interests and abilities. If a student is unsure of a major, an academic advisor can recommend courses that explore various majors while keeping curricular options open to the extent possible. If a major has been declared, advisors help students navigate the required courses and connect them to resources and opportunities students should utilize to decide on a major in a timely manner. A student can expect advisors to be knowledgeable about university policies, procedures, and a wide variety of campus resources available for assistance.

Advisors in the Advising, Retention + Career Center also work with transfer students to help them understand requirements, policies, and procedures related to transferring to UW-Eau Claire. Academic advisors review transfer course evaluations with new transfer students to identify issues students need to address to best use their transfer work to meet UW-Eau Claire’s requirements.

The Advising, Retention + Career Center also provides orientation and advising for high school students taking college courses at UW-Eau Claire.

Visit the Advising, Retention and Career Center website (http://www.uwec.edu/connect/advising).

Academic Testing: The Advising, Retention and Career Center administers English, mathematics, and foreign language placement tests for the University. National tests, including the ACT, GRE-subject, LSAT are also administered. Advanced Placement, International Baccalaureate, CLEP, DANTES, and PRAXIS results are also processed by the Advising, Retention and Career Center. Visit the website (http://www.uwec.edu/testing).

New Student Orientation:

First Year Students

All new first-year students are required to participate in a New Student Orientation program prior to registering for classes. One-day sessions are held in June for new first-year students who are starting in the summer or fall semester. A final session is held in late August. New first-year students starting in winterim or the spring semester attend a session the week before spring classes begin in January. During New Student Orientation, students and their guests have an opportunity to meet with staff members, tour the campus, and obtain information on a variety of topics related to both academics and student life.

Transfer Students

Advising and registration meetings for new transfer students are flexible, with the option to meet in-person or talk over the phone. The Admissions Office performs the initial transfer evaluation after a student has applied and been admitted. Academic Advisors help transfer students understand policies and procedures related to transferring and identify transfer course issues students need to address to best use their transfer work to meet UW-Eau Claire’s requirements.

Questions regarding transfer advising and registration should be addressed to the Assistant Director for Advising. Visit this website (https://www.uwec.edu/academics/academic-support/advising/orientation/transfer-students) for more details.

First Year Experience:
The First Year Experience program at UW-Eau Claire helps new freshmen transition to college life. Many new students take a course that is designated as “first year only.” These sections are regular university courses that are open only to new freshmen. Each first year only class has an experienced UW-Eau Claire student mentor who works closely with the instructor to help students adjust to college. New freshmen may also register for special “linked” courses that are designed to help with transition to UWEC or to explore a topic, major or career of interest. In addition, all new freshmen are invited to participate in the Blueprint for a Blugold program, which is a schedule of out-of-class activities and corresponding online modules designed to help students learn valuable information about college life. Visit this website (http://www.uwec.edu/fye) for more details.

Nontraditional Student Services:

Nontraditional students comprise an important component of the University community. The Advising, Retention + Career Center provides this constituency a variety of offerings that address the needs and experiences of adults returning to college. Working adults, students with children or other family responsibilities, veterans, and adults in various life transitions, will find resources to support them. Further information may be obtained from the Advising, Retention + Career Center.

Visit the ARCC website (http://www.uwec.edu/connect/advising).
Undergraduate Advising

Advising Philosophy
Academic advising is an important component of a student's undergraduate experience. The university has established a structure intended to bring each student into a collaborative relationship with an Academic Advisor and a Faculty Advisor. The partnership with these advisors empowers students to establish connections to campus and their field of study, facilitate graduation in a timely fashion, and develop a portfolio of skills and experiences that will help them achieve their academic and professional goals. Advising is most effective when viewed as a developmental process in which the students and Advisors work together. Students have the ultimate responsibility for monitoring their progress toward graduation and they should work closely with their Advisors to develop a corresponding academic and career plan. Advisors serve as a resource for students, providing accurate information and referring them to appropriate sources of help offered by the university.

Advising Structure
There are six advising clusters. The clusters are comprised of 5-10 majors that are similar in nature. A student who has declared a major is assigned an Academic Advisor from that cluster and a Faculty Advisor in their specific major (Some majors may assign Faculty Advisors after students are admitted to their program). To view the majors in each cluster, visit this website [http://www.uwec.edu/connect/advising/advising-models/le-track](http://www.uwec.edu/connect/advising/advising-models/le-track).

Students who have not decided on a major will work with an undeclared advisor. Once a student declares a major, they will be assigned a Faculty Advisor in that major.

Students who wish to change their major, minor, or certificate must first consult with an Academic Advisor, so students should plan ahead. If a student switches to a new major that is in the same advising cluster, their Academic Advisor will remain the same, but a new Faculty Advisor may be assigned to reflect the student's new major. If a student switches to a major outside of their current advising cluster, they will be assigned to a new Academic Advisor and a new Faculty Advisor.

Roles of Academic and Faculty Advisors:

Academic Advisors: An Academic Advisor provides holistic and comprehensive academic and career advising for students in a specific advising cluster. They provide students with guidance regarding course selections, graduation requirements, major exploration, academic policies and procedures, referrals to other campus resources, and High Impact Practices. Academic Advisors collaborate with Faculty Advisors and Career Counselors to serve students.

Faculty Advisors: A Faculty Advisor provides ongoing consultation for the student on long-range academic and career plans, monitors progress towards specific major degree requirements, assists in the selection of major courses, and connects students to High Impact Practices available in their department/field. Students are encouraged to meet with their Faculty Advisor each term to discuss major-related related opportunities. Faculty Advisors collaborate with Academic Advisors and Career Counselors to serve students.

Students must see an Academic Advisor at the following times:

- Students must meet with their Academic Advisor prior to registration for fall and spring semesters. Students are encouraged to discuss summer and winterim courses with their Academic Advisor.
- All readmitted students must meet with an Academic Advisor prior to registering.
- All new transfer students must meet with an Academic Advisor prior to registering.
- All students must meet with an Academic Advisor prior to withdrawing from a class or withdrawing from the university.
- Students should meet with their Faculty Advisor to discuss major-related High Impact Practices (such as internships, Service-Learning, research, study abroad, National Student Exchange, etc.) and major course selection that may affect future career or academic opportunities.

Advising Responsibilities

Student Responsibility
It is the responsibility of all advisees to:

- Meet with their Academic Advisor at least once per semester.
- Read and respond to all emails sent from Academic and Faculty Advisors in a timely manner.
- Be prepared for meetings with their Academic and Faculty Advisor.
- Learn to read and use the degree audit; become familiar with graduation requirements; fulfill all degree requirements.
- Develop plans for taking courses required for graduation.
- Keep track of their own academic records.
- Develop plans for achieving academic, career and personal goals.
- Utilize their Academic and Faculty Advisors to address questions about High Impact Practices (such as internships, service-learning, research, study abroad, National Student Exchange, etc.).
- Utilize their Faculty Advisor to address questions about opportunities in the major, major courses and the influence on career choices, and educational opportunities beyond your undergraduate degree.
- After registering for their final term, apply for graduation on MyBlugold CampS.
- See their Academic Advisor, Faculty Advisor, and course instructor at the first sign of academic difficulty.
- Understand academic policies and become familiar with important deadlines.
- Utilize the full range of campus resources: career planning, counseling, tutoring, Services for Students with Disabilities, the Writing Center, and other resources available at the university.

Advisor Responsibility

It is the responsibility of Academic and Faculty Advisors to:

- Be accessible to students on a regular, predictable basis.
- Encourage students in self-direction, learning, and assuming responsibility for their own educational plans.
- Reinforce the responsibilities of students.
- Assist students with course selections.
- Help students with academic and career planning and re-evaluate plans regularly.
- Empower students to achieve academic, career and personal goals.
- Know graduation requirements and other institutional policies outlined in the catalog.
- Refer students to appropriate campus resources.
- Help students learn about academic policies and procedures.
- Increase advising skills through regular training and professional development.
- Helps students understand the value of their liberal arts based education.

Academic Skills Center
The Academic Skills Center is a resource for students needing individual assistance to enhance learning strategies and skills in college reading and study methods, critical thinking, and problem solving. Group and individual tutoring
is also available for selected entry-level foreign language courses, as well as several physical and social science courses. Diagnostic evaluation is available in reading and study strategies. Supplemental instruction is a guided study program that is available for selected courses particularly in Arts and Science. Further information may be obtained from the Academic Skills Center staff or the ASC website (http://www.uwec.edu/asc).

Career Services
Career Services is a resource to students, offering opportunities for them to connect their liberal arts education with future career and professional goals. We partner with employers, faculty and staff to provide opportunities to help students realize fulfilling careers. Career Services helps students understand the relationship between their educational choices and career fields. Specific services include: career counseling appointments and group workshops, internship and job search assistance, resume and cover letter reviews, networking coaching, interview preparation, and salary negotiation. Career Services is the liaison between employers and campus, connecting students, faculty, staff and alumni with employers in the region and across the country. The Career Services office is responsible for collecting and reporting data for the annual First Destination Survey.

Handshake is a free online jobs and internship search database used by UW-Eau Claire students and alumni. Employers who recruit UW-Eau Claire students use this to assist in meeting their workforce needs by posting part-time, summer, full-time and internship positions. Students can search for opportunities and upcoming career events. They can also participate in on-campus interviews and receive invitations to employer events.

Career Events:
Each year Career Services sponsors a variety of career events designed to allow students to explore career and internship options:

Accounting Career Fair - fall semester
Science and Engineering Career Fair
Career Conferences – fall and spring semesters
Nursing and Health Care Professional Career Fair – fall semester
Education Job Fair – spring semester
Part-time Job Fair – fall semester
Experience U – spring semester

Over 500 employers representing a wide variety of organizations are participants at these career events.

On-Campus Recruitment Program: More than 100 employers visit the campus each year to interview students interested in internship and full-time professional positions, offering 800+ interviews each year. All interviews are coordinated and arranged with the Career Services Office.

Services for Students with Disabilities
Services for Students with Disabilities (SSD) facilitates the provision of academic accommodations for eligible students with documented disabilities. Disability-related accommodations address the need for both program access (i.e. exam accommodations, note taking, interpreters, alternative format course materials, etc.) and physical access. Verification of the need for accommodations is based on current disability documentation provided by the student. Students with disabilities who wish to request accommodations must provide disability documentation to the SSD Office and make their requests known in a timely manner so that arrangements for accommodations can be initiated. Testing rooms are available for individual testing accommodations. Information about required documentation and procedures for arranging services can be obtained by contacting the SSD Office or visiting the SSD website (http://www.uwec.edu/sss).

Services for Students with Disabilities Project AIM (Ability in Motion)
Project AIM is a Student Support Services program funded by a TRIO grant from the U.S. Department of Education. Due to federal eligibility requirements, the students served must have a documented disability. Goals of the project are focused on promoting academic and career success of participants. Project AIM provides a variety of supplemental services for eligible participants including student-specific advising, career exploration, financial literacy, free tutoring, mentoring, leadership development and a variety of cultural and educational activities. Some students qualify for additional federal grant aid based on participation in the program. Further information may be obtained from the Services for Students with Disabilities Office staff.

Center for Service-Learning
All candidates for the baccalaureate degree at the University of Wisconsin-Eau Claire must satisfactorily complete 30 hours of approved service-learning activity. UW-Eau Claire’s Service-Learning requirement fosters habits of public engagement and service to society. This requirement is intended to provide students with an opportunity to serve their community, apply knowledge gained in the classroom, enhance their critical thinking skills, and become informed, active, and responsible citizens. The Center for Service-Learning works with community partners to create meaningful projects for students and helps students and staff to develop projects.

Within the first few weeks of the fall semester, the Service-Learning & Community Engagement Fair is held. At this come and go event, community partners come to the fair with the expectation of talking directly to students about volunteer, service-learning, internship or job opportunities they have at their specific organizations.

Visit the Service-Learning website (http://www.uwec.edu/service-learning) for information on available projects, the completion procedure, and a link to the Service-Learning Guidebook. For catalog information, view the University Graduation Requirements (http://catalog.uwec.edu/undergraduate/graduation-requirements/#universityrequirementstext).

Student Support Services
Funded by a TRIO grant from the U.S. Department of Education, the Student Support Services program provides a variety of supplemental services for qualified students. Due to federal eligibility requirements, the students served must be from a low-income household, be a first-generation college student, or have a documented disability. The staff assists eligible students in assessing their academic skills and in developing individual goals that promote their academic and career success. The program provides participants with free tutoring, career exploration opportunities, comprehensive academic advising, mentoring services, graduate school preparation, financial aid information, and a variety of educational activities. Some students qualify for additional federal grant aid based on their participation in the program. Further information may be obtained from the Student Support Services staff. Visit the SSS website (http://www.uwec.edu/sss).

Upward Bound
Upward Bound is a federal TRIO program awarded to UW-Eau Claire by the U.S. Department of Education. All participants are from public high schools in Eau Claire (North High School and Memorial High School). Most students are recommended by school counselors during the last semester of middle school. Once enrolled in the program, students continue through high school graduation. The program serves 73 promising high school students who face
barriers to the completion of high school and the attainment of post-secondary education. During the academic year, students receive tutoring, counseling, and study skills support. The summer six-week residency program, for which students receive high school credit, provides an academic core enhanced with field trips and cultural, social, and athletic activities. Upward Bound develops career exploration and decision-making skills and assists students in selecting appropriate post-secondary educational options. Assistance is given in completing college admission and financial aid applications. Further information may be obtained from the Upward Bound Office or by visiting the Upward Bound website (http://www.uwec.edu/upbound).

William J. and Marian A. Klish Health Careers Center
The William J. and Marian A. Klish Health Careers Center is a specialized career center for students who are interested in a career in the health sciences. The resources available through the Health Careers Center help students explore a wide range of health careers and create a personalized, interdisciplinary pathway to graduation and admission to professional schools. UW-Eau Claire offers pre-professional programs in Pre-Medicine, Pre-Veterinary Medicine, Pre-Physician Assistant, Pre-Dentistry, Pre-Physical Therapy, Pre-Occupational Therapy, Pre-Pharmacy, Pre-Optometry, and Pre-Chiropractic. The Health Careers Center offers resources for academic and health career advising, connections to health-related clinical, research and volunteer opportunities, and workshops designed to build effective tools for career development and competitive applications. Further information may be obtained by visiting the Health Careers Center website (https://www.uwec.edu/academics/institute-health-sciences/health-careers-center).

Student Services, Activities and Organizations
Vice Chancellor for Equity, Diversity and Inclusion and Student Affairs
The EDI and Student Affairs professionals, in conjunction with faculty colleagues and community partners, assist University of Wisconsin-Eau Claire students to reach their unique potential in the areas of intellectual, personal, social, and cultural development. This is achieved by providing a variety of student services that include information sharing and advocacy, curricular and co-curricular offerings, professional development and training opportunities, as well as diagnostic and clinical services. These activities occur in the context of a liberal education enhanced by experiential learning and civic engagement.

Division for Equity, Diversity and Inclusion and Student Affairs
The Division for EDI and Student Affairs works to create a campus climate where all students, faculty and staff feel welcome and can thrive and feel like they can be successful here. In the EDI and Student Affairs Division, students and faculty will find the services and programs aimed at providing support, information, assistance and leadership bringing equity and inclusion for all campus demographics. The work of staff in the Division will create a more welcoming and inclusive environment, increase the cultural competencies of the university community, and advance institutional goals of recruiting and retaining under-represented students, faculty, and staff. Units in the Division include: Affirmative Action, Blugold Beginnings, Gender & Sexuality Resource Center, McNair Undergraduate Research Program, Office of Multicultural Affairs, Services for Students with Disabilities, Student Support Services, and Upward Bound and the Dean of Students. The EDI and Student Affairs Office is located in Schofield 240, 715-836-5626, fax 715-836-5911, or visit the website (https://www.uwec.edu/edi-student-affairs).

Athletics
The University’s intercollegiate athletics program challenges students physically, mentally, and emotionally. The various athletic practice and playing fields are really classrooms where leadership, self-discipline, commitment, work ethic, teamwork, fair play, problem solving, time management, motivation, and cooperation are taught. This fits in with the University’s commitment to a rigorous, intentional and experiential undergraduate liberal arts education for life and livelihood. A well-conducted program, based on sound educational principles and practices, fulfills the educational mission by ensuring that every student has an opportunity to be involved in competitive athletics as a participant or spectator.

The programs are organized to meet the needs of the highly skilled and competitive student-athlete. The women’s program consists of varsity teams in basketball, cross country, golf, gymnastics, ice hockey, soccer, softball, swimming and diving, tennis, track and field, and volleyball. The men’s program consists of varsity teams in basketball, cross country, football, golf, ice hockey, swimming and diving, tennis, track and field, and wrestling.

Both men and the women compete on the national level as members of the National Collegiate Athletic Association (NCAA) Division III. On a state level, the men and the women belong to the Wisconsin Intercollegiate Athletic Conference (WIAC). The women’s gymnastics program belongs to the National Collegiate Gymnastics Association (NCGA) in the sport of gymnastics.

All student-athletes must conform to university academic policies and standards to be eligible. In addition, there are conference and national regulations which affect a student-athlete’s eligibility status. Entering freshmen are eligible for varsity competition if enrolled as full-time students. Transfers and students who have not been in continuous enrollment at UW-Eau Claire should contact Athletics for a determination of their eligibility status. All other student-athletes must earn 24 degree credits for each season of competition they complete. Once a student-athlete has completed two terms of attendance, one season of competition, or earned 24 credits, there is a 2.00 resident grade point requirement.

All men’s and women’s sports are administered by the Director of Athletics. They are supervised by the Vice Chancellor for Enrollment Management in consultation with the Athletic Committee.

Awareness of Sexual Assault (Center for)
The Center for Awareness of Sexual Assault (CASA) is a sexual assault support service that maintains a victim-centered approach. We provide a safe place for people to come and talk about any issues that they may have surrounding their sexual assault, or those of someone close to them. Even if you are not sure about a sexual experience and are now feeling uncomfortable with what happened, CASA would be glad to talk with you. We provide a variety of services that are confidential and free: crisis counseling, emergency room support, legal advocacy, assistance with campus reporting, information and referral, and a 24-hour crisis hotline at 715-836-HELP. For additional information, visit the website (http://www.uwec.edu/CASA). To make an appointment, call 715-836-4357 or email casa@uwec.edu.

Blugold Beginnings
The purpose of the Blugold Beginnings Program is to educate and inspire students, especially underrepresented, low income or first generation students,
to believe that a post-secondary education is important, attainable, and available at the University of Wisconsin-Eau Claire and other institutions.

Blugold Beginnings offers a variety of programs and services to promote a college-going culture and to help students obtain a higher education. The program provides the opportunity for college students to serve as mentors for fifth through twelfth grade students within the community. This experience develops new skills and advances college students’ knowledge of underrepresented populations and the greater community. Mentor programming takes place in area schools during study hall and after school. Each year, thousands of fifth and eighth grade students tour the campus with Blugold Beginnings mentors, experience college classes, and spend time with faculty learning that college is an option for them. Monthly events and summer camps are also offered to youth and facilitated by college students serving as mentors. Upon high school graduation and admission to the University of Wisconsin-Eau Claire, freshmen students are invited to join the Blugold Beginnings Learning Community which continues to offer support services to assist college students with the transition from high school to college life. For more information, visit the website (http://www.uwec.edu/Blugoldbeginnings).

Children's Nature Academy (The Priory)

The UW-Eau Claire Children’s Nature Academy (CNA), is a five-star (Youngstars) nature based early learning program, licensed by the state of Wisconsin. Serving children ages six weeks through school age, programming is offered to students, faculty, staff, and the community on the University’s beautiful 112-acre Priory Campus. The center operates from 7:00 a.m. to 5:30 p.m. Monday through Friday and some evening care upon request. The CNA offers flexible scheduling and special student discounted rates. The CNA also works with the Eau Claire Area School District to offer four-year-old kindergarten (ECAT) and AmeriCorps to offer ECLIPSE, a literacy and social skills program for preschool age (3-5) children. Please contact the Director at 715-836-2178 or children@uwec.edu for more information on enrollment. Online interest forms (https://www.uwec.edu/children) are also available.

Counseling Services

Therapists in Counseling Services assist students in overcoming problems which may interfere with their educational, social, and emotional development. This is accomplished through individual, couple, and group counseling; psycho-educational workshops; and outreach services. Among the issues that students may bring to counseling are personal development, adjustment to college, depression, anxiety, stress management, relationship/abuse issues, alcohol and drug use, goal setting, time management training, and other personal concerns and psychological problems.

Confidential and free counseling is available to any student of the University of Wisconsin - Eau Claire. Scheduling is easy, call 715-836-5521 or stop by our office located in Vicki Lord Larson Hall 2122.

For more information on our services visit the website (http://www.uwec.edu/counsel).

Cultural and Social Activities

Artist Series (http://www.uwec.edu/Activities/programs/artists). The Artist Series presents quality regional, national, and international artists in the areas of music, dance, and theater to the University community. Through the performing arts, the Artist Series seeks to develop aesthetic awareness, promote interdisciplinary appreciation, and cultivate multicultural experience.

The Forum (http://www.uwec.edu/Activities/programs/forum/tradition). Since 1942 The Forum lecture series has presented many of the world’s greatest minds and imaginations. Speakers have ranged from Sinclair Lewis to Maya Angelou, Margaret Mead to Cornel West, William Westmoreland to Noam Chomsky, Buckminster Fuller to Carl Sagan, and Bennett Cerf to Garrison Keillor.

The Lookout (https://www.uwec.edu/activities-involvement-leadership/programs-events/the-lookout). Live music, DJs and dancing, theme nights, trivia, karaoke, and socializing predominate at this late-night, student-operated lounge and event space in Hilltop Center.

The International Film Society (https://www.uwec.edu/activities-involvement-leadership/programs-events/international-film-society) presents foreign and domestic films on campus for UW-Eau Claire students and faculty/staff, and for community members who purchase film passes. Since 1956 the series has represented various countries, cinematic styles, directorial methods, genres, and points of view in films that help to foster a better understanding of other people and cultures as well as a lifelong appreciation for the art of film.

Student Organizations and Leadership Center (http://www.uwec.edu/Activities). This area in the Davies Center provides services and a home base for the more than 230 campus organizations at UW-Eau Claire. Students may learn more about organizations they are interested in joining through the Activities, Involvement & Leadership Office. Organization members may use the workshop space, supplies and resources. The Student Organizations and Leadership Center is also home for the Student Senate.

Summer Events. Free entertainment and films for the Eau Claire community is provided throughout the Summer Session.

University Activities Commission (UAC). The largest standing commission of the Student Senate, the UAC is the exclusively student-operated campus activities programming board. In selecting and producing high-quality, diverse, and accessible educational and entertainment programs for the university community, UAC members gain valuable leadership experience and develop personal skills such as exercise of responsibility, decision-making, and teamwork.

Five committees make up the commission. The Cabin Committee programs musical and performance arts events in an intimate setting. The Concert Committee presents on-the-rise regional bands, nationally and internationally touring artists, and cutting-edge performers. The Festivals Committee coordinates Homecoming, Winter Carnival, and Springfest activities. The Film Committee alternates with the International Film Society in screening contemporary and classic films throughout the academic year. The Late-Night Activities Committee provides social late-night activities for students, using spaces on upper campus and lower campus. The UAC also offers lecture-and-discussion programs, performing and visual arts events, tours to regional cultural events, comedy nights, and novelty programming.

Viennese Ball (http://www.uwec.edu/centers/vball). Documented as the largest Viennese ball presented outside of Vienna, the Viennese Ball is a formal event recalling the romance and elegance of 19th-century Vienna. The program promotes positive university, community, and international relations by expanding an awareness of the culture, history, and music of Vienna, Austria. Proceeds from the annual two-night event have thus far provided more than $2 million in music, service, and international study scholarships for UW-Eau Claire students.

Department of Art & Design. Student shows comprise a significant aspect of the annual calendar of exhibitions. A visiting artist is invited to serve as juror in the selection of works for the Annual Juried Student Art Show in the Foster Gallery of the Haas Fine Arts Center. Candidates for the Bachelor of Fine Arts degree present senior shows in their emphasis at the conclusion of each
FM Radio. Kjer Theatre, a proscenium facility seating 400 for main-stage plays and dance. A thrust-stage facility used for main-stage theatre and studio productions; and seating 200 for solo recitals and chamber music; Riverside Theatre, a 200-seat Department performing spaces include the 600-seat Gantner Concert Hall used classics to contemporary theatre.

the main-stage plays, there are 20 to 30 student productions ranging from the University Theatre annually casts five main-stage productions by open Theater Workshop, Concert Dance Company, and numerous small ensembles.

Chorus, Men's Glee Club (Statesmen), Women's Concert Chorale, Opera-Musical Hall 105. Marching Band, Jazz Ensembles, Concert Choir, Symphonic Choir, Women's Chamber Orchestra, Wind Ensemble, Symphony Band, University Band, Marching Band, Jazz Ensembles, Concert Choir, Symphonic Choir, Women's Chorus, Men's Glee Club (Statesmen), Women's Concert Chorale, Opera-Musical Theater Workshop, Concert Dance Company, and numerous small ensembles. University Theatre annually casts five main-stage productions by open audition, including a Theatre for Young Audiences production. In addition to the main-stage plays, there are 20 to 30 student productions ranging from the classics to contemporary theatre.

Department performing spaces include the 600-seat Gantner Concert Hall used for concerts, recitals, opera, dance, and musical theatre; Phillips Recital Hall, seating 200 for solo recitals and chamber music; Riverside Theatre, a 200-seat thrust-stage facility used for main-stage theatre and studio productions; and Kjer Theatre, a proscenium facility seating 400 for main-stage plays and dance.

FM Radio (https://www.wpr.org/wuec-fm-897-eau-claire), WUEC (at 89.7 on the dial) is a student-assisted FM station broadcasting from studios in the Hibbard Humanities Hall. WUEC is affiliated with Wisconsin Public Radio and National Public Radio. Programming includes classical, jazz, blues, and folk music; news; information; and public affairs programs.

Campus TV. Students enrolled in Advanced Broadcast TV News (CJ 426) prepare newscasts in the Broadcast TV News Laboratory, Hibbard Humanities Hall 105.

Residence Hall TV-10. Students living in the residence halls produce and direct live and taped television programs originating in the studio and control room located in Towers Residence Hall. These programs are sent out on the residence hall cable system and received on channel 10.

Forensics. A complete program of competitive intercollegiate speaking activities is offered. Categories include prose interpretation, poetry interpretation, dramatic interpretation, dramatic duo, impromptu speaking, extemporaneous speaking, persuasion, informative speaking, after dinner speaking, and communication analysis. CJ 100, Introduction to Forensics, allows students to obtain credit for participating in the activity. Students do not have to enroll in the course to participate.

UW-Eau Claire possesses one of the longest traditions of national excellence in forensics in the nation. The University competes against colleges of all sizes, yet is typically among the top programs in the country. The local chapter of Pi Kappa Delta sponsors several tournaments and workshops on campus for high schools and colleges. Any student, regardless of background in forensics, is welcome to take part in this activity. For further information contact the Director of Forensics, Hibbard 174, or visit the website (http://www.uwec.edu/4n6).

Department of Music and Theatre Arts. Each year the Department sponsors more than 225 recitals, concerts, and special musical programs by students, faculty, and guest artists. Many student musical ensembles have distinguished national reputations. Ensemble participation is open to all qualified students and includes the following organizations: University Symphony Orchestra, Chamber Orchestra, Wind Ensemble, Symphony Band, University Band, Marching Band, Jazz Ensembles, Concert Choir, Symphonic Choir, Women’s Chorus, Men’s Glee Club (Statesmen), Women’s Concert Chorale, Opera-Musical Theater Workshop, Concert Dance Company, and numerous small ensembles.

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Dean of Students
The Dean of Students Office staff plays an important role in helping all students navigate the campus environment and provide programs and services that enrich students’ personal and educational development. The staff works with programs and services to create a learning environment that integrates co-curricular and classroom experiences.

Services provided by staff in the Dean of Students Office include:

1. student advocacy, counseling, advising, and crisis intervention to students experiencing personal, medical/mental health and academic problems.
2. supportive response, accommodations, investigation and adjudication of complaints of sexual assault, stalking, dating/domestic violence, and hate/bias incidents.
3. administration and coordination of the National Student Exchange Program.
4. support and advising for student government and campus organizations and the administration of student conduct procedures.

Students are encouraged to seek assistance related to student life concerns and to use the office as a referral resource. The staff assists students to make positive connections with faculty, staff, other students, and services. The Dean of Students Office is located in Schofield 240, 715-836-5626, fax 715-836-5911, or visit the website (http://www.uwec.edu/dos).

Housing and Residence Life
The University provides accommodations for 3,974 students in on-campus residence halls. Except for those who are married, living with parents or guardians, or veterans of the United States Armed Forces, all freshmen and sophomores are required to live in University-operated residence halls when such accommodations are available.

Information about living on campus is automatically sent to candidates for admission to the University. Room assignments are based on the date all properly completed housing contract items are submitted, including a $75 deposit. The deposit is refundable through May 1 (see Deposits, under Tuition and Fees (p. 19)). It is beneficial to apply as soon as possible after acceptance to the University. Whenever possible, specific room assignments will be made prior to freshman orientation in mid-June.

Each residence hall is staffed by a hall director and resident assistants selected from qualified continuing students. Insofar as demand permits, students are given a choice among the kinds of on-campus accommodations available. The residents of each hall determine, in accordance with the Wisconsin Administrative Code, certain policies and regulations for the governance of their hall.

All students living in traditional University residence halls are required to participate in the contract meal plan (see Dining Service). Certain buildings may be identified as exempt from the contract meal plan.

The University has no housing facilities for married students and students with children. Further information concerning all housing and residence life policies and services is provided in the Residence Hall Information booklet, available upon acceptance by the University or upon request to the Housing and Residence Life Office, phone 715-836-3674, or online (http://www.uwec.edu/housing).

Multicultural Affairs, Office of
The Office of Multicultural Affairs (OMA) provides leadership in creating a safe and inclusive campus environment critical to the cultural development, personal growth, and academic success for student of color. OMA provides
direct support to students who identify as African-American, American Indian/Native American, Asian & Southeast Asian, Latinx, and multiracial students to foster a sense of belonging and community on campus. OMA builds relationships, creates relevance to learning, and connects multicultural students to resources that will enhance their academic and personal growth at UW-Eau Claire.

OMA serves as advocates on behalf of multicultural students and assist them in areas such as community engagement, employment, financial aid, scholarships, and housing. The staff also provides supplemental advising so students are able to thrive and achieve to their full potential. OMA offers cultural programs, student leadership development experiences, and equity, diversity, and inclusion (EDI) awareness opportunities for students, faculty and staff through individual contacts, heritage awareness activities, guest speakers, and classroom presentations on diversity issues.

All UW-Eau Claire students are encouraged to participate in the variety of opportunities and events sponsored by the Office of Multicultural Affairs. Learn more about our events and services. Visit the website (http://www.uwec.edu/multicultural).

Recreation and Sport Facilities
Recreation and Sport Facilities provides a wide array of opportunities for students to engage in healthy activities that promote learning, leadership development, health, wellness and fun! Opportunities for students and staff include: A wide variety of outdoor and indoor intramural Sports, 27 unique Club Sport teams, Group Exercise class offerings seven days per week, Open Recreation (free-time use of gyms, pool, indoor track and racquetball courts), two state-of-the art work-out facilities (Crest Fitness Center and the McPhee Strength & Performance Center), the Environmental Adventure Center (Outdoor Equipment Rental, Adventure Trips, Indoor Archery Range, Eagle’s View Challenge Ropes Course, Indoor Climbing Wall, Campus Biking Program and the Campus 9 Disc Golf Course), Massage Therapy, Special Events, Wellness Classes and the Hilltop Recreational Area (exercise and cycling studios, bouldering cave, billiards, games and TV).

Recreation and Sport Facilities also oversees the management and scheduling of all upper campus sport facilities including: McPhee/Ade Olson (gyms, pool, indoor track, racquetball courts, dance studio, equipment and laundry operations and classrooms), Simpson Outdoor Track and Field, Bollinger Fields Complex, Towers Field & Sand Volleyball Courts, Hilltop Outdoor Tennis and Basketball Courts and the Hilltop Recreational spaces.

Recreation and Sport Facilities is one of the largest employers of students on campus, offering enriching work experiences that provide opportunities for leadership development and learning.

For more information about Recreation and a complete list of opportunities, visit the Recreation and Sport Facilities website (http://www.uwec.edu/recreation).

Student Government
The University of Wisconsin-Eau Claire has long been committed to the active participation of students in institutional governance. Significant responsibility is accorded to qualified students who serve with faculty on departmental and College committees and on administrative committees of the University.

The Student Senate is the primary vehicle for the involvement of students in University governance. It has initial responsibility for recommendations on matters pertaining directly to student life, services, and interests, including the allocation of that portion of the educational costs designated as the segregated fee. In elections held each year, the student body elects eligible students from two geographical districts—on and off campus—to serve as senators.

Through the United Hall Council and the Coeducational Residence Hall Judicial Board, students also participate, with the Director of Housing and Residence Life, in the operation and development of residence hall programs and policies.

For further information, students may contact the Student Senate Office or the Dean of Students Office. Visit the website (http://www.uwec.edu/studentsenate).

Student Health Service
UW-Eau Claire’s Student Health Service fosters a healthy campus community through high quality health care, inclusive and accessible service, and health promotion/advocacy. Student Health Service is the primary health care center for UWEC students.

Clinical services provided include mental health evaluations and follow-up care, evaluation and treatment of illnesses and injuries including those of the respiratory, gastrointestinal, and musculoskeletal systems. Physical examinations, minor surgical procedures, laboratory services, and reproductive health services, including contraceptive exams and supplies, are also offered. Diagnosis and treatment of sexually transmitted diseases is also available. Some services are prepayed by student segregated fees, and some services and supplies are provided for a nominal fee. Additional information about Student Health Service is available on the website or by calling the clinic at 715-836-4311.

The Health Promotion Office works as an educational arm of Student Health Service. Located on lower campus in Schofield 26, this office works on health advocacy projects to make UW-Eau Claire’s campus a healthier living place for learning and living, including developing and implementing strategies and programs to reduce high-risk drinking. This office also offers educational programming for residence halls and classrooms on topics such as nutrition, life/work/school balance, making healthy changes, and other topics.

For more information on our services, hours and locations, visit the website (http://www.uwec.edu/shs).

Student Publications
The Spectator (http://www.spectatornews.com), an award-winning student newspaper is published in print each Thursday of the regular academic year and daily online. at. The paper has offices in Hibbard 104. Paid staff positions are available for interested students in editorial, production, and advertising departments. The Spectator is a member of the Associated Collegiate Press.

NOTA (None of the Above), the campus creative arts magazine published once per semester, provides an outlet for student writing, photography, artwork, and original music performance; in addition, NOTA publishes “Pocket NOTA,” a magazine designated for pieces of longer prose. NOTA sponsors public readings by students, faculty, and professional writers and holds contests for fiction and poetry writers. Interested students may inquire at the NOTA Office in the English Department or via email: nota@uwec.edu.

University Centers
The University Centers (http://www.uwec.edu/centers) comprises two buildings that are the center of campus life: The W. R. Davies Student Center and the Hilltop Center. University Centers programs and services operate within these facilities. The University Centers also manages the Zorn Arena and the Schofield Auditorium — multipurpose facilities that are heavily used
by the university community for meetings, recreation, performances, dining, conferences, workshops and other curricular and co-curricular activities.

The University Centers develops and implements a variety of involvement and leadership experiences, volunteer opportunities, student employment and internships, diversity and cultural growth initiatives, and community outreach. These varying experiences help students to develop new skills, reflect on their personal identity and place in the world, and become engaged citizens. The University Centers builds and sustains partnerships with faculty/staff and community members, to ultimately enhance the quality of the experiences provided. The University Centers is funded by space, equipment and labor rentals (including those for meetings, programs, private weddings, camps, conferences and other special community events), student fees and commissions.

The University Centers provides services that are integral to campus life, including the undergraduate textbook rental program, the meal plan required for nearly all campus residents, and the official university ID card. The unit is responsible for all non-academic reservations on campus and ticketing of campus events. The University Centers administers bookstore services, dining, catering and vending services campus-wide, manages all printing services and provides the central source of campus information through the Service Center.

W.R. Davies Student Center (https://www.uwec.edu/eventservices/facilities/davies-center). The 177,000 sq. ft. W. R. Davies Student Center opened its doors in July 2012. This student center, like its predecessor, is named in memory of William R. Davies (1893–1959), the university's second president. Its design was inspired by nature surrounding the Eau Claire campus — the Chippewa River, the woods, the stone formations, and the Little Niagara Creek. W. R. Davies Student Center occupies a site that was the historic meeting grounds of the Dakota and Ojibwe people, who made peace in the 1850s after a bitter war that spanned 150 years. The treaty line is thought to be at the mouth of the Little Niagara Creek on the Chippewa River. Names of meeting spaces in the original and the present Davies Center honor the Ojibwe and Dakota and other native people of Wisconsin, including the Ho-Chunk, Menominee and Potawatomi tribal members who used the Council Oak tree and its surroundings as a shelter and gathering place. Davies Center was planned as an expression of the role of the Council Oak, a beacon and symbol of community, gathering and a safe space for all. W.R. Davies Student Center is the center for social and cultural interaction on the lower campus. Offering a number of meeting and program spaces, dining facilities and service areas, W.R. Davies Center is the administrative core of the University Centers. It is also home to the Student Senate, the primary vehicle for student involvement in university governance.

Hilltop Center (https://www.uwec.edu/recreation/facilities/hilltop). Spanning the road that connects the upper and lower campus, Hilltop Center was built in 1968 and is home to Riverview Café, the primary contract dining facility on campus. An extensive renovation of Hilltop Center in 2012 expanded the primary service cafeteria on campus. Riverview Café now comprises the entire second floor of the building, and up to 7,000 meals are served to students each day. The programs and services of University Recreation and Sport Facilities are also based in Hilltop Center. Facilities include the Environmental Adventure Center (EAC), the Bowling and Billiard Center (BBC) and The Lookout – event space.

Crest Wellness Center (https://www.uwec.edu/recreation/crest-fitness-center). Is home to Student Health Service, Crest Fitness Center, University Police and the Eagle's View Challenge Ropes Course. In 1999 a $1.4 million upgrade remodeled the upper level of Crest Wellness Center for the fitness center, making it possible to relocate its weightlifting exercise equipment from the lower level. In 2013 the Eagles View Challenge Course was expanded offering both high and low rope challenges.

Activities, Involvement and Leadership
The Activities, Involvement & Leadership Office (http://www.uwec.edu/activities) connects UWEC students with opportunities to transform personally and professionally outside the classroom. It is the home to many co-curricular leadership initiatives, recognition programs, campus-wide activities that entertain, challenge and promote the exchange of ideas and the development of life-long leadership skills. These co-curricular opportunities are available to complement UW-Eau Claire’s strong academic tradition in order to give students a well-rounded college experience. The AIL staff encourages and supports the development and implementation of a variety of involvement and leadership experiences, volunteer opportunities, student employment and internships, diversity and cultural growth initiatives, and community outreach.

The office oversees 230 student organizations and the annual Blu’s Organization Bash, administers campus-wide programming including the Artists Series, The Forum lecture series, Summer Events and the UW-Eau Claire International Film Society, all which are funded through student segregated fees allocated by the Student Senate. Staff also advise Greek Life, the Student Senate’s University Activities Commission, Student Senate Student Organization Commission, The Lookout event space, and the programs and services that are housed in the Student Organizations and Leadership Center.

The Activities, Involvement & Leadership Office is committed to guiding and supporting each student as they discover their own skill development and how they can connect those skills to the real world.

Blugold Card Services
University of Wisconsin-Eau Claire photo identification cards are issued and replaced at Blugold Card Services (http://www.uwec.edu/blugoldcard) in the W. R. Davies Center’s east lobby. Upon initial enrollment at the University, a Blugold ID Card is issued to every student; students retain their ID cards throughout their enrollment. The Blugold Card entitles the bearer access to dining facilities; use of McIntyre Library; access to McPhee Physical Education Center facilities; reduced ticket prices for many campus activities and events; free use of the Eau Claire Transit System; access to the Blugold Account debit card system, Textbook Rental and many other options. Through the university’s banking partnership, students also have the option of using their Blugold Cards as ATM or pin/signature-based debit card. A branch bank is located in the W. R. Davies Center’s east lobby.

Blugold Dining
Cafeteria, fast food, a la carte, catered, and fine dining options are offered to the University community and to the public. Students living in residence halls (except Chancellors Hall, The Priory and Haymarket Landing) participate in one of several meal plan options. W. R. Davies Center retail facilities include a food court, coffee shop, convenience store, and an upscale dining area. Einstein Bros. Bagels is located off the main lobby of Centennial Hall and in the Haas Fine Arts Center lobby. Meal plan information is available online (https://uwecdining.sodexomyway.com/my-meal-plan/index) as well as social media.

Event Services and Conferences
Responsible for all non-academic reservations on campus, Event Services is the University’s centralized event planning organization. Event Services works with students, staff and the community to plan conferences, meetings and other events, and works with administrative offices and academic departments in executing programs that support the educational mission of the University. Event Services (http://www.uwec.edu/eventservices) directs a highly responsible student staff trained in all aspects of safety and event production to ensure the well-being of all users of campus facilities. Professional video, lighting, sound & staging are also available for events.
University Bookstore and Textbook Rental

Located on two levels of the W. R. Davies Center, the University Bookstore (http://www.uwec.edu/Bookstore) sells a variety of course-related and general interest reading materials, gifts and University clothing, greeting cards, and school, art, computer, and office supplies. Gift certificates and a special order service for books and merchandise are also available. Cash, credit card, and Blugold Account purchases are welcome.

UW-Eau Claire undergraduates rent textbooks and other course materials from the University Bookstore’s Textbook Rental Department, which is funded by a designated portion of undergraduate tuition. Textbooks and other teaching resources are selected by instructors for each course and are arranged by department and course number on the bookstore’s upper level for students to pick up.

University Printing Services

University Printing Services (http://www.uwec.edu/printing) provides affordable and convenient printing and production services for students, faculty/staff, academic departments and administrative offices, and the public. Printing Services offers competitive pricing on business cards, presentation materials, posters, labels, envelopes, postcards, brochures, booklets and much more. High-speed black-and-white digital copies, high-quality color copies, large-format printing and a range of bindery services are among the services offered. Student graphic designers are on staff to create custom materials such as resumes, graduation, wedding or special occasion save the date cards, invitations and thank you cards. Printing Services accepts walk-up and online orders. Cash, Blugold Account, campus account, and credit cards are welcome.

University Printing Services has a walk-up location in the first floor lobby of the W. R. Davies Student Center. It manages the contracts that provide copiers campus-wide for student and office/departmental use. University Printing Services is the designated agency printing manager for UW-Eau Claire, responsible for ensuring that all off-campus printing using state monies is purchased in accordance with state law and policy. Custom course packs are produced here and made available through the University Bookstore.

University Service Center

The University Service Center (http://www.uwec.edu/servicecenter) plays a key role in University communication, acting as the central source of University information as well as answering the campus’ main phone line. The area offers one-stop convenience for many essential services. Credit card and Blugold Account purchases are welcome.

- Tickets — The University’s centralized ticket office works with organizations, academic departments, Blugold Athletics and other administrative offices to produce and sell tickets to campus events. Tickets for basketball, hockey, football, concerts, lectures and other campus programs are available at the Service Center, and bargain movie passes for community theatres also can be purchased in advance.
- Postal Services — The Service Center offers U.S. Postal Service domestic and limited international mail services. A United Parcel Service (UPS) drop box is also available outside Davies Center.
- Information Services — Campus information including directory assistance, activities information, campus/community maps and brochures can be found at the Service Center. The Service Center manages the sale board in Davies Center, as well as its online site; gives vending machine refunds, and provides the campus-wide lost and found services.

University Student Governance and Organizations

Involvement in campus organizations is an important part of the university’s total education program. These groups offer social and service opportunities for their members, the university, and the community at large. Membership can broaden acquaintances, develop leadership ability, build decision-making and problem-solving skills, and complement classroom instruction. Visit online (https://www.uwec.edu/activities-involvement-leadership/student-clubs-organizations/search-organizations) for the current list of Student Organizations in the following categories:

- Academic Professional
- Campus Department
- Campus Media
- Cultural Identity
- Event Programming
- Governance Politics (Student Government, Student Senate, etc.)
- Greek Life
- Honor Societies
- Non-Organization Opportunities
- Performing
- Recreational
- Service
- Special Interests
- Spiritual
- Sport Clubs
- Administrative Committees
- Residence Hall Government

Veterans Services

The University is approved by the State Approval Agency for the education of veterans and veterans’ dependents under both federal and state programs. The Veteran Services Office (located in Blugold Central) advises veterans and eligible dependents on available state and federal veterans educational programs and assists them in applying for educational benefits. Veterans are also encouraged to use this office to seek assistance related to veterans’ issues and as a referral resource.

Students requesting veterans benefits should meet with the staff of the Veteran Services Office to set up their benefits program(s). Students using veterans educational benefits are required to request certification of benefits after registering for classes each semester. Students also need to keep this office apprised on any changes in their enrollment status. For more information, visit the website (http://www.uwec.edu/registrar/student/veterans-and-military-education-benefits.htm).

Gender & Sexuality Resource Center

The Gender & Sexuality Resource Center is dedicated to creating a safe and inclusive campus for all students, while advocating for and celebrating those identities that have historically been and continue to be marginalized. We believe in education and inspiration, not alienation, and that is reflected in all programs and events. Exploring privileges and oppressions is at the heart of our mission, and in so doing—and with a focus on intersectionality—we engage the campus community in ways that create room for understanding and empowerment.

The Gender & Sexuality Resource Center’s staff provides resources, information, and programming in collaboration with existing departments, advisory committees, organizations, and offices; we foster a supportive campus environment.
University Honors Program and Courses

University Honors Program

The University Honors Program provides a challenging and supportive learning community that allows highly motivated, high potential students to develop fully in their distinctive abilities, creating a foundation for sustained intellectual, professional, and personal achievements. Honors at UWEC offers a rigorous and evolving curriculum that assists students in the pursuit of creativity, innovation, discovery, and expression across disciplines. Honors students often have significant responsibility for the design and execution of learning activities within their honors coursework, with many honors students engaging in undergraduate research that is uniquely matched to their experiences, skills, and longer-term goals. The program offers an enhanced education, enabling students to integrate Honors Liberal Education courses, Honors interdisciplinary seminars, Honors work in their major and minor programs, and Honors experiential learning opportunities into a high-value whole.

Honors at UW–Eau Claire has two components for student participation: University Honors and Departmental Honors. Students may graduate with Honors by completing one component or both. Honors Program participation and completion are documented on students’ university records, including transcripts.

University Honors. In small classes designed to stimulate and challenge high achieving, highly motivated students, and in special sections of regular university courses, honors students are provided opportunities for academic growth through meaningful interaction with faculty and with other honors students.

Admission to the University Honors Program. There are several ways to gain admission to the University Honors Program. (1) Incoming first-year students are invited to participate each fall semester based on scores achieved on either the ACT or SAT and their academic standing in their high school graduating classes. (2) Students admitted to UW–Eau Claire with a strong academic profile that does not meet one or more of the automatic admissions benchmarks are frequently considered for admission to Honors through our holistic review process. (3) Students who have completed at least 14 academic credits at UW–Eau Claire may be admitted to Honors during Spring Semester of their first academic year if they attain a cumulative 3.66 GPA or higher (which will include college credits and grades earned elsewhere). (4) Students who are highly motivated to do Honors work may petition the University Honors Council for admission. Consult the Honors Program Office for more information. (5) Transfer students who were in good standing with an accredited Honors Program at their previous institution are eligible to join Honors at UWEC. Honors credits earned at the previous institution are evaluated by the UWEC Honors Director to determine how many credits can be applied to UWEC Honors Program requirements.

Graduation Requirements. A student may graduate with University Honors by meeting the following requirements:

1. Attainment of a resident and total GPA of at least 3.50.
2. Completion of one-credit first-year seminar, HNRS 100, or an Honors FYE (First-Year-Experience course).
3. Completion of the 24-credit Honors distribution requirement, in one of the two manners listed below (3a or 3b), with at least two courses taken at the 300/400 level. Honors colloquium and elective courses are frequently used to meet Liberal Education, major, or minor requirements, as well as the requirements of the University Honors Program.
   a. Completion of at least 24 credits of Honors colloquia and Honors electives.
   b. Completion of at least 21 credits of Honors colloquia/electives and either HNRS 410 or HNRS 420.
4. Completion of HNRS 400 (one credit).

Honors Program courses may not be audited or taken for a satisfactory/unsatisfactory grade.

An AP, IB, or CLEP score may be substituted as Honors elective credit, provided that minimum scores are met (an AP score of at least 4, an IB score of at least 5, or a B-level CLEP score). No more than one course, for a maximum of 5 credits, may be substituted for Honors elective credit.

Flexible Credits

To fulfill their 24-credit or 21-credit Honors distribution requirement, Honors students may earn up to 9 flexible credits, selected from the following options: Honors contracts, Honors special experience courses (such as study abroad, directed study, independent study, and internships), departmental honors, completion of the EdTPA process (including ES 318 + ES 497 requirements), or completion of IDIS 480 and 481 (fulfillment of McNair Scholar requirements).

An appropriate designation will be placed on a student’s record upon completion of all Honors Program requirements. However, credits earned in Honors courses meet graduation requirements whether or not the program is completed. A current schedule of available Honors courses may be obtained from the Director of the University Honors Program or on the Honors Program website: https://www.uwec.edu/academics/university-honors-program/academic-offerings/honors-courses/.

Department or College Honors. Twenty-five departments and programs offer students the opportunity to earn an honors distinction within their program of study, enabling students to strengthen skills within their major. Currently, departmental honors programs are available in Accounting and Finance, Biology, Business Administration, Chemistry, Communication Sciences and Disorders, Computer Science, Criminal Justice, Economics, English, Geography and Anthropology, Geology, Health Care Administration, History, International Business, Management and Marketing, Materials Science + Engineering, Mathematics, Music and Theatre Arts, Philosophy and Religious Studies, Physics, Political Science, Social Work, Sociology, and Spanish. In many cases, credits earned in a departmental honors program can be applied to University Honors requirements.

For information on departmental or college honors programs, consult department or college descriptions in this catalog or inquire at department or college offices, or get in touch with the Honors Program Office.

Honors Seminars

HNRS 100 First-Year Honors Seminar (1 cr)
Prerequisite: Limited to students in the University Honors Program.
Introduction to the University and to expectations of an Honors baccalaureate degree. Explores the value of a liberal education, the skills and knowledge needed to be an educated person, the roles of the University Honors Program and university requirements.

Attributes: Honor Course
Grading Basis: A-F Grades Only
HNRS 400 Senior Honors Seminar (1 cr)
Prerequisite: Limited to students in the University Honors Program. Senior standing, or Department Consent Required. If repeated, the second course can count toward the required 24 credits of Honors colloquia and electives.
A capstone course that explores students' undergraduate experiences, the value of a liberal education, and the value of an Honors education. Prepares Honors students for post-graduate opportunities.
Attributes: GE IV Humanities, Honor Course, Capstone Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only

HNRS 410 Mentoring in Honors (1 cr)
Prerequisite: HNRS 100, HNRS 400, or concurrent enrollment in HNRS 400.
Minimum junior standing. Limited to students in the University Honors Program. With permission from the Honors Director, credit may be earned in both HNRS 410 and HNRS 420.
Consent: Department Consent Required
Assist in instruction of Hnrs 100, the First-Year Honors Seminar. Focus on the value of a baccalaureate education and on what constitutes an educated person. Open to juniors and seniors with permission of the Director of the University Honors Program.
Attributes: GE IV Humanities, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

HNRS 420 Tutoring in Honors (1 cr)
Prerequisite: Minimum junior standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420.
Consent: Department Consent Required
Assist in instruction of an Honors course previously completed. Open to juniors and seniors with permission of the Director of the University Honors Program.
Attributes: GE III Social Science, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

Honors Colloquia
These are courses specially designed for honors students, and typically embracing more than the approach of a single academic discipline. Every Honors colloquium meets Liberal Education and General Education requirements.
The content of colloquia varies from semester to semester, and each section of an HNRS colloquium course number is a unique course.

HNRS 118 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Natural Science with Integration.
Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-I1 Integration, LE-K1 Natural Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 121 Honors Colloquium in Social Science (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science.
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 129 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science and Equity, Diversity and Inclusivity (and Design for Diversity emphasis on traditionally underrepresented racial/ethnic groups).
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 138 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities with Integration.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-K3 Humanities, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 142 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Arts and Equity, Diversity and Inclusivity.
Attributes: Cultural Diversity Variable, GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 147 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Arts and Creativity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 151 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Communication.
Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
HNRS 158 Honors Colloquium in Communication with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Communication with Integration.
Attributes: Cultural Diversity Variable, GE IIA Communication-Language Arts, Honor Course, LE-I1 Integration, LE-S1 Written and Oral Communication, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 172 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Creativity with Equity, Diversity, and Inclusivity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 187 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Global Perspectives and Civic, Social and Environmental Responsibility.
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 188 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Global Perspectives with Integration.
Attributes: Cultural Diversity Variable, GE V University Wide, Honor Course, LE-R2 Global Perspectives, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 324 Honors Colloquium in Social Science with Civic, Social, and Environmental Responsibility (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Social Science and Civic, Social and Environmental Responsibility.
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 325 Honors Colloquium in Social Science with Communication (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Social Science and Communication.
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-S1 Written and Oral Communication, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 328 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Social Science with Integration.
Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-I1 Integration, LE-K2 Social Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 337 Honors Colloquium in Humanities with Creativity (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Humanities and Creativity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 358 Honors Colloquium in Communication with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Communication with Integration.
Attributes: Cultural Diversity Variable, GE IIA Communication-Language Arts, Honor Course, LE-I1 Integration, LE-S1 Written and Oral Communication, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 378 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Honors Course in Creativity with Integration.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
HNRS 381 Honors Colloquium (1-4 crs)
Prerequisite: Limited to students in the University Honors program. Not maintained. Use 10438
Upper-level Honors Course in Equity, Diversity and Inclusivity.
Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 389 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors program. Minimum sophomore standing.
Honors Course in Civic, Social and Environmental Responsibility.
Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

Honors Special Experience Courses

HNRS 275 Honors Study Abroad Experience-Freshmen and Sophomores (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.
Consent: Department Consent Required
Honors study abroad experience for freshmen and sophomores.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 295 Honors Directed Study-Freshmen and Sophomores (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.
Consent: Department Consent Required
Study of a problem or topic in collaboration with a faculty member in the discipline.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 298 Honors Internship Experience-Freshmen and Sophomores (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.
Consent: Department Consent Required
Honors internship experience for freshmen and sophomores.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 299 Honors Independent Study-Freshmen & Sophomores (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.
Consent: Department Consent Required
Individual research, scholarly, or creative projects under the supervision of a faculty member.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 375 Honors Study Abroad Experience-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Honors study abroad experience for juniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 395 Honors Directed Study-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Study of a problem or topic in collaboration with a faculty member in the discipline.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 398 Honors Internship Experience-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Honors internship experience for juniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 399 Honors Independent Study-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Individual research, scholarly, or creative projects under the supervision of a faculty member.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only
HNRS 475 Honors Study Abroad Experience-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Honors study abroad experience for seniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 490 Honors Senior Thesis or Project (1-6 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Research and writing/preparation of Honors Senior Thesis or Honors Senior Project.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

HNRS 495 Honors Directed Study-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Study of a problem or topic in collaboration with a faculty member in the discipline.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 498 Honors Internship Experience-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Honors internship experience for seniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 499 Honors Independent Study-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Individual research, scholarly, or creative projects under the supervision of a faculty member.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

Academic Policies and Regulations

Academic policies and regulations apply to all undergraduate students.
Students are responsible for knowing and following the policies and regulations stated in this section of the catalog and for satisfying all degree requirements.

Academic Definitions

Credits
The unit of credit is the semester hour. It is defined as one class hour per week (or its equivalent) for one semester. Thus, a lecture-discussion course, which meets three hours per week ordinarily carries three semester credits. Laboratory and studio classes usually require two hours in class as the equivalent of one semester credit.

Credit Load
Since a student is expected to spend approximately two hours in preparation for each hour in the classroom, 15 credits is considered a normal semester load (for the spring and fall semesters, or proportionate amounts for shorter courses) for undergraduates. Eighteen credits is the maximum for which a student may register without obtaining special permission. Registration for more than 18 credits (including audits) may be permitted by the Associate Dean of the College in which the student is enrolled, if the student has a resident GPA of at least 3.00 and if other conditions make the overload advisable. (In the Summer and Winterim Sessions, all students may take a maximum of as many credits as the number of weeks they are attending.)

Classification of Students

Enrollment Status

Spring and Fall Semesters

<table>
<thead>
<tr>
<th>Status</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>12 or more</td>
<td>9 or more</td>
</tr>
<tr>
<td>3/4 time</td>
<td>9-11 credits</td>
<td>-</td>
</tr>
<tr>
<td>1/2 time</td>
<td>6-8 credits</td>
<td>4-8 credits</td>
</tr>
<tr>
<td>Less than Half-time</td>
<td>Less than 6 credits</td>
<td>Less than 4 credits</td>
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Winterim Session

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<th>Graduate</th>
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<tbody>
<tr>
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<td>2 credits</td>
</tr>
<tr>
<td>1/2 time</td>
<td>1 credit</td>
<td>1 credit</td>
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</tbody>
</table>

Summer Session

<table>
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<tr>
<th>Status</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
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<tr>
<td>Full-time</td>
<td>12 or more</td>
<td>6 or more</td>
</tr>
<tr>
<td>1/2 time</td>
<td>6-8 credits</td>
<td>3-5 credits</td>
</tr>
<tr>
<td>Less than Half-time</td>
<td>Less than 6 credits</td>
<td>Less than 3 credits</td>
</tr>
</tbody>
</table>

NOTE: Audits are excluded from credit totals.

Full-time Equivalent Enrollment Status
The following definitions apply to the full-time equivalency (FTE) enrollment status.

Undergraduate Students
Students may enroll in a course/internship that is the equivalent of 36 hours per week for 15 weeks (36 hours per week for 11 weeks in the Summer term) to be considered a full-time equivalent for enrollment purposes.
Graduate Students
Students may enroll in a course/internship that is the equivalent of 27 hours per week for 15 weeks (24 hours per week for 11 weeks in the Summer term) to be considered a full-time equivalent for enrollment purposes.

Special Students
Students who are not formally admitted to the University are classified as special students. Registration as an undergraduate special student and Youth Option/High School special students is limited to twelve credits during fall and spring semesters. During the Summer and Winterim Sessions, all special students may take a maximum of as many credits as the number of weeks they are attending.

Class Level
Students attain class level according to the number of semester credits earned:

<table>
<thead>
<tr>
<th>Class Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman:</td>
<td>fewer than 30 semester credits</td>
</tr>
<tr>
<td>Sophomore:</td>
<td>30-59 semester credits</td>
</tr>
<tr>
<td>Junior:</td>
<td>60-89 semester credits</td>
</tr>
<tr>
<td>Senior:</td>
<td>90 or more semester credits</td>
</tr>
</tbody>
</table>

Credit-Bearing Certificate Programs
Certificate programs may be earned by degree-seeking students or by community members who are not pursuing a University degree. Guidelines and standards are identical for both populations.

For those not seeking a degree, these programs offer an opportunity for an individual to earn college credit and advance toward a credential that certifies a significant level of achievement within a prescribed area. As the rate of change in the workplace accelerates, more people find it necessary to engage in continuous learning to meet the challenges of new duties and responsibilities, or career changes. Often the need is for in-depth study that goes beyond what is generally provided in noncredit professional development activities. Credit-bearing certificate programs are of particular value since the program is verified by a university transcript.

For degree-seeking students, a certificate program can be pursued to demonstrate expertise in a particular academic field. Successful completion of a certificate program may serve to satisfy graduation requirements for a second program of study or to add credentials beyond any other required programs.

Certificate programs include a minimum of 12 credits for undergraduate certificates (fifteen credits for graduate certificates) and a maximum of 18 credits. A 2.00 GPA is the university minimum requirement for completion of undergraduate certificate programs (3.0 GPA required for graduate certificates).

At least 25 percent of the credits applied to the certificate program requirements must be taken in residence (50 percent for graduate certificates). Departments/programs or colleges proposing certificate programs have the right to specify

1. admission requirements for entry into a certificate program,
2. minimum GPA requirements for courses included in the program,
3. GPA requirements for certificate completion above the university minimum, and
4. applicability of the S/U option, if any.

Specific certificates and their requirements are listed within the applicable department/program or college section of the catalog.

Registration Overview
The University provides online registration for all students. Each student is assigned a registration time based upon credits earned. A notification that registration times have been assigned is sent to each student via email prior to registration. Students can view assigned registration times on CampS (https://my.uwec.edu/spsc/CS90PRD/EMPLOYEE/HRMS/?cmd=login). Registration begins in November for the Spring semester, in October for Winterim, in February for Summer Session, and in April for Fall semester. Advising is required prior to registration for

1. all freshmen and sophomores,
2. juniors and seniors on academic warning or probation,
3. transfers seeking a first degree, and
4. all students with a major in the College of Business regardless of classification or academic standing.

All new degree-seeking students must pay an enrollment deposit prior to registration for Fall, Winterim, Spring, and Summer.

New freshmen register in the summer during their freshman orientation sessions.

Late Registration. A student may enroll for full semester courses after the regular registration period but within the first two weeks of classes. (Permission from both the instructor and the advisor is required during the second week of classes.) Thereafter, any registration must be approved by the Associate Dean of the appropriate College.

Change of Registration. After registration, courses may be added or dropped or sections changed under the regulations established for this purpose by faculty policy.

Adding courses. Students who wish to add courses during the first week of classes may do so using CampS. After the first week of classes, students must obtain the Change of Registration form from Blugold Central and return the completed form to that office.

Withdrawing from courses. A student who wishes to withdraw from a full-semester course during the first two weeks of classes (no record of enrollment) may do so on CampS without the instructor’s or adviser’s signature. After the second week of classes, students must obtain the Change of Registration form from Blugold Central and return the completed form with signatures to that office. Courses that are not a full semester in length, including Winterim and Summer courses, have earlier withdrawal deadlines. These deadlines can be obtained from CampS, or Blugold Central.

A change becomes official only when it has been processed by Blugold Central. (See also Withdrawals. (p. 41))

Enrollment of Undergraduates for Graduate Credit
Upon the recommendation of the student’s adviser, course instructor, and chair of the department offering the course, a University of Wisconsin-Eau Claire undergraduate student may be allowed to enroll in a limited number of graduate courses, provided he or she has a 3.00 undergraduate GPA and has the approval of the College Dean. Qualified students may take up to, but not exceed, a total of nine credits of graduate-level course work, unless enrolled in an approved accelerated graduate plan with a dual bachelor’s and master’s degree component. The graduate credits cannot be used to satisfy requirements for the bachelor’s degree, unless enrolled in an approved
accelerated graduate plan with a dual bachelor's and master's degree component. Application forms for enrollment in graduate courses as an undergraduate may be obtained from Blugold Central.

**Auditing Courses**

Registering to audit a course permits a student to participate in the class without earning credit. This privilege is helpful to students who wish to review introductory work, especially after a considerable period of absence from the campus. Others choose to audit courses for reasons of personal interest and the enjoyment of learning.

Some courses may be designated by departments or Colleges as unsuitable or unavailable for auditing. In all courses open to auditors, the following conditions apply:

1. Students seeking to register for credit are given priority over auditors.
2. An auditor must pay any basic fee required for auditing under the current tuition rates and any special fees applicable to the course. Auditors who wish to have student ID privileges also pay campus (segregated) fees.
3. Audited courses are included in the student's credit load for the term when determining overloads. If auditing a class results in an overload (e.g., more than 18 semester credit hours for undergraduates) students need approval of the Associate Dean of the appropriate College.
4. Audited courses are not included in the student's credit load for the term when determining full- or part-time status. (See Classification of Students. (p. 38))
5. Initial registration to audit a course is not included in the total semester registration for the purposes of determining satisfactory academic progress. (See Academic Standing and Progress. (p. 42))
6. Enrollment on an audit basis may not be changed to a credit basis, or vice versa, after the approved period for adding classes.
7. The auditor must consult the instructor of the course to determine the conditions for a successful audit. Some courses cannot profitably be audited without participation in class activities; the instructor must indicate how much and what kind of participation is required.
8. Upon successful completion of an audit, the mark of V will be entered on the student's record. Failure to meet the instructor's conditions will be recorded as UV; withdrawal from the course will be recorded as WV. These marks are not course grades and are not computed in GPAs.
9. Students who are auditors-only and who do not pay campus (segregated) fees have access limited to the library, computing services, and the nonsegregated fee-funded activities of the student union. No additional fee is charged for such access.
10. Students are not eligible for financial aid for audited courses.

**Auditors over age 60 and SSI/SSDI auditors.** Residents of Wisconsin who are 60 years of age and older or who meet certain disability requirements may audit courses on a space-available basis at no charge for tuition. Other fees, however, will be assessed. Persons 60 years of age and older as of the first day of classes must show proof of birth date. Persons with disabilities must provide a copy of documents proving eligibility for benefits under the federal Supplemental Security Income (SSI) program or the federal Social Security Disability Insurance (SSDI) program.

**Satisfactory/Unsatisfactory (S/U) Registration**

Registration for a grade of Satisfactory or Unsatisfactory, instead of the usual letter grades, permits students to venture into elective areas with less risk to GPAs; however, the potential disadvantages should be carefully weighed. Some institutions, particularly graduate and professional schools, will not accept the grade of S in transfer. Furthermore, S/U registration is restricted on many programs at UW-Eau Claire, and the responsibility for determining its acceptability rests with the student.

**Eligibility.** The option of S/U registration is open only to students with sophomore standing or above and a resident GPA of 2.00 or higher. (Exception: any student may enroll in a physical activity course on the S/U basis.)

**Procedures.** S/U registration must be designated by the student no later than the approved period for dropping courses with no record.

S/U registration may not be changed to the standard grading system, or vice versa, after the approved period for dropping courses with no record. An S/U course may be dropped in accordance with University rules.

**S/U Grades.** The grade of S is equivalent to at least a C or above in the standard grading system; it denotes that the student's work was satisfactory and that credit is granted for the course. The grade of S is not computed in the student's semester and resident GPAs.

The grade of U indicates work below the level of a C in the standard grading system. No credit is granted. However, the grade of U is not computed in the student's semester and resident GPAs. When repeating a course initially taken on the S/U basis, the student must also repeat the course on the S/U grade basis. (See Repeating UW-Eau Claire Courses. (p. 40))

**Reporting of Grades.** Instructors will record standard letter grades for all students; the conversion to a grade of S or U will be made by the Registrar.

**Restrictions:**

1. A student may carry no more than one course on the optional S/U basis for degree credit in any term of enrollment. (Exception: any student in any term of enrollment may enroll in one or more physical activity course(s) on an S/U basis and still take one other degree credit course on an S/U basis. Certain Education field work courses also require multiple S/U enrollments. The student, however, must be otherwise eligible to take the additional degree credit course on an S/U basis.)
2. Colleges and departments may place further restrictions on major, minor, or professional programs and sequences, and dean’s list criteria also vary by college.

**Policy on Remedial Education**

New freshmen whose Math Fundamentals (M-FUND) score on the UW System Mathematics placement examination is less than 466 are required to take a remedial mathematics course (MATH 10, MATH 20, or MATH 50). MATH 20 or MATH 50 must be successfully completed before a student has earned 30 credits or registration will be denied.

**Repeating UW-Eau Claire Courses**

The privilege of repeating course work allows students to attain a satisfactory level of achievement in courses in which they initially encountered difficulties. Because a course can be repeated only once, students will discuss with their academic advisers the reasons for their low grade or W in the course before attempting the course a second time. It is the student’s responsibility to obtain assistance to sharpen their skills or resolve the problems that led to poor performance or noncompletion the first time they took the course. If the low grade was earned in a course which is a prerequisite to another course, students are urged to repeat the prerequisite course before enrolling and risking poor performance in the other course.

The repeat privilege applies only to courses taken at UW-Eau Claire (whether taken originally at UW-Eau Claire or elsewhere) for which a grade of C- or below
or a W was initially earned. Registration for a repeated course must be on the same basis (letter grade or Satisfactory/Unsatisfactory) as the original course.

A course in which a grade of C- or below or a W was originally earned may be repeated once. The new grade will replace the previous grade in computing GPAs, but both the initial grade and the repeated grade will appear on the student’s official transcript.

NOTE: In extenuating circumstances, the Associate Dean of a College in which the student is enrolled may give permission for the second repeat of a course. Such permission may be requested upon recommendation of the student’s academic adviser. The Associate Dean determines whether the grade earned in the second repeat will replace previous grades or will be averaged with previous grades earned in that course in computing GPAs. All three grades will appear on the student’s official transcript.

## Attendance/Leave

### Withdrawals

#### Withdrawing from a Course. Students who wish to drop a full term course during the first two weeks of classes may do so without their instructors’ or advisors’ signatures. After the second week of classes (or a proportionate period of time for shorter courses—see CampS (https://my.uwec.edu) for exact dates), students who wish to withdraw from a course must obtain a Change of Registration form from the Blugold Central, secure the signature of their faculty advisors and instructors for the course, and return the form to Blugold Central. A student is not considered withdrawn from a course until the proper form has been processed by Blugold Central. A student who stops attending a class without withdrawing officially may receive a grade of F for the course, and may owe a repayment on financial aid received.

No withdrawals are permitted after the beginning of the eleventh week of classes. Deadlines are adjusted proportionately for shorter courses, including Winterim and Summer Session courses, except in extenuating circumstances as determined by the Associate Dean of the College in which the student is enrolled. Up to that time, official withdrawals from full term courses are recorded as follows:

- During the first two weeks of classes—no record of enrollment.
- Third week through the tenth week—recorded as W.

Calendar dates of withdrawal deadlines are published each semester on CampS (https://my.uwec.edu), on the Registration Calendars (http://www.uwec.edu/Registrar/calendar), and can be obtained from Blugold Central.

#### Withdrawal from the University. Undergraduate degree-seeking wishing to withdraw from the University after the start of the term are required to meet with an Advising, Retention & Career Center staff member prior to withdrawing from classes. The advisor will provide the student with the online withdrawal e-form to submit their request to withdraw. Non-degree seeking students, such as special students and post baccalaureate students, may withdraw through the tenth week of classes using the Graduate and Special/Non-degree Seeking Students online withdrawal form.

If a student withdraws from the University during the first two weeks of classes, only the date of withdrawal will be recorded on their academic transcript and no record of specific course enrollment. If a student withdraws from the University from the third through tenth weeks, the grade of W will be recorded on the academic transcript for each course enrolled and remaining unfinished. The deadline to withdraw from the University is the end of the tenth week of the term.

#### Withdrawing from the University after the second week of classes:

- A student is not considered withdrawn from a course until the proper form has been processed by Blugold Central.
- A student who stops attending a class without withdrawing officially may receive a grade of F for the course, and may owe a repayment on financial aid received.

#### Leaving the University

A military leave request needs to be submitted to the Dean of Students Office. Students are granted military leave for the entire time of their military commitment.

#### Class Attendance Policies

All students are expected to attend all class sessions of courses in which they are enrolled. Each faculty member should inform each class in writing at the beginning of the course regarding the use of student attendance in relation to student evaluation procedures.

If a student fails to attend the first class meeting of any course without previously notifying the instructor or the department chair, the student may be dropped from that course so that the vacancy may be filled by another student from a waiting list. It remains the student’s responsibility to determine
their own enrollment status. Each department has a policy on first-day class attendance.

Accommodation procedures for this and other circumstances are described on the Dean of Students website (https://www.uwec.edu/kb/article/class-attendance-and-authorized-absence-policies).

**Academic Standing and Forgiveness**

**Academic Standing and Progress**

The University expects each undergraduate (freshman, sophomore, junior, senior, or special student) to maintain a level of academic achievement consistent with University standards and to make reasonable progress toward the completion of a chosen curriculum.

The policies and regulations outlined below define the minimum academic standards of the University. Any College of the University may set a higher standard for admission, retention, or graduation from a degree program.

**Good academic standing.** The definition of good academic standing includes University standards for satisfactory academic progress during a semester. Academic standing is determined twice each year, once at the end of the fall semester and once at the end of the spring semester. It is not determined at the end of Summer Session or Winterim Session.

A student is in good academic standing at the end of a semester if all the following conditions are met:

1. The student’s resident GPA is 2.00 or higher.
2. The student has earned a semester GPA of 2.00 or higher.

**NOTE 1:** An excessive number of withdrawals from courses may impact students’ eligibility for acceptance into certain major programs and most types of financial aid. All students should therefore consult their advisors before withdrawing from courses.

**Academic Warning.** An Academic Warning is the first formal notification that a student has failed to meet one or more of the requirements for good academic standing. The notation “Academic Warning” is placed on the student’s record at the end of the first semester in which any one or more of the following conditions apply:

1. The student’s resident GPA at the end of the semester is less than 2.00.
2. The student’s semester GPA is less than 2.00, but 1.00 or higher. (See Suspension, below.)

Only one Academic Warning is issued to a student. Students who receive this notification should immediately consult their advisor(s) or the Student Affairs and Dean of Students Office, so that they may obtain assistance in overcoming their academic difficulties.

**Probation.** After receiving one Academic Warning, students will be placed on probation at the end of any subsequent semester in which they again fail to achieve good academic standing. The period of probation is one semester. Students must regain good academic standing by the end of the probationary semester in order to continue in the University. They will be removed from probation upon regaining good academic standing. Students may be placed on probation multiple times should their academic standing require it.

**Suspension.** A student will be suspended from the University under either or both of the following conditions:

1. At the end of a semester of probation, the student has failed to regain good academic standing.
2. At the end of any semester, the student has a semester GPA of less than 1.00. (This regulation applies regardless of the student's resident GPA.)

A student who has been suspended is ineligible to continue in the University for the period of one semester. Any degree-seeking student who wishes to return to the University after the expiration of the suspension must make formal application for readmittance through the Admissions Office. Special Students who wish to return to the University after the expiration of a suspension may register through Blugold Central. Readmittance cannot be guaranteed. If the student is readmitted and fails to regain good academic standing by the end of the first semester after readmittance, a second suspension of one semester will be incurred.

A student who has been suspended for academic reasons may request a review by a faculty committee of the College in which the student was enrolled. If the student can show that extenuating circumstances existed, the committee may recommend to the Associate Dean of the College that the student be reinstated.

Students on suspension may attend the UW-Eau Claire Winterim and Summer Sessions (including the Three-Week Summer Session) as a special student for the purpose of improving their academic records. A suspended student may not enroll as a special student at UW-Eau Claire during the fall or spring semesters until the suspension has expired. A student suspended from UW-Eau Claire may encounter difficulty in attempting to enroll at another institution.

**Policies applying to transfer students.** The credits transferred from other colleges and universities are used to determine the classification of a student as freshman, sophomore, etc. Transfer credits are not used, however, in computing the UW-Eau Claire resident GPA which determines the student’s academic standing in subsequent semesters at UW-Eau Claire (see also Grade Point Requirements, under University Graduation Requirements (p. 50)).

A transfer student admitted in good standing is governed by the policies set forth under Academic Standing and Progress.

A transfer student admitted on probation will be removed from probation if in the first semester at UW-Eau Claire the student achieves good academic standing. Thereafter the student’s status is determined on the same basis as that of a student who was admitted in good standing and who has received an Academic Warning at UW-Eau Claire.

A transfer student admitted on probation will be suspended at the end of the first semester at UW-Eau Claire if at that time the student has failed to achieve good academic standing.

**Policies applying to freshmen admitted on probation.** A freshman admitted on probation will be removed from probation if in the first semester at UW-Eau Claire the student achieves good academic standing. Thereafter the student’s status is determined on the same basis as that of a student admitted in good standing.

A freshman admitted on probation will be suspended at the end of the first semester if at that time the student has not achieved good academic standing.

**Forgiveness of Earlier Academic Record**

Returning adult students who have completed university-level course work at UW-Eau Claire or elsewhere five or more years prior to seeking admission or readmission to UW-Eau Claire may be eligible for forgiveness of the earlier academic record. Forgiveness means that grades earned five or more
years earlier will not be used in the computation of the total GPA at UW-Eau Claire, although such grades will continue to appear on the student’s official transcript. Upon admission or readmission to UW-Eau Claire, students should meet with their advisors to discuss whether repeating courses or seeking forgiveness is the better alternative for them. If the decision is to seek forgiveness, the following conditions will apply:

1. Students must not have been enrolled in an institution of higher learning for at least five continuous years prior to admission/readmission to UW-Eau Claire except for completion of courses which were a precondition for admission/readmission.

2. After admission/readmission, students must earn a GPA of 2.50 or higher in the first 12 credits, which count toward the minimum degree requirements at UW-Eau Claire before applying for forgiveness.

3. The request for forgiveness must be approved by the student’s advisor, the Department Chair if the student has declared a major, and the Dean of the College in which the student is enrolled. The approved request will be forwarded to the Registrar.

4. If forgiveness is granted, all courses taken five or more years prior to admission/readmission, and the grades received will continue to appear on the student’s record, but the student’s total GPA will be based solely on credits earned after admission/readmission to UW-Eau Claire.

5. If forgiveness is granted, all credit hours with a grade of “D-” or above earned five or more years before admission/readmission, up to a maximum of 30, may be used to satisfy degree requirements even though they are not included in the student’s total GPA.

6. Forgiveness of grades earned five or more years before admission/readmission may be granted only once.

Both the academic forgiveness policy and application form are available on the Registrar’s website (http://www.uwec.edu/Registrar/student/acadforgiveness.htm).

**Grades**

**Grading System**

A system of letter grades is used except when the course is offered only on the Satisfactory/Unsatisfactory basis or when the student has elected that option. (See Satisfactory/Unsatisfactory (S/U) Registration (p. 40.).)

**Letter Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A, A-</td>
<td>(A = Excellent)</td>
</tr>
<tr>
<td>B+, B, B-</td>
<td>(B = Very Good)</td>
</tr>
<tr>
<td>C+, C, C-</td>
<td>(C = Average)</td>
</tr>
<tr>
<td>D+, D, D-</td>
<td>(D = Passing)</td>
</tr>
<tr>
<td>F</td>
<td>(F = Failing)</td>
</tr>
</tbody>
</table>

**Other Marks**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Satisfactory; equivalent to at least a C (credits earned, but not computed in the semester or resident GPA)</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory; equivalent to a C- or below (no credits; not computed in the semester or resident GPA)</td>
</tr>
<tr>
<td>IN</td>
<td>Incomplete (no grade points; not computed in the semester or resident GPA)</td>
</tr>
<tr>
<td>W</td>
<td>Official withdrawal</td>
</tr>
<tr>
<td>V</td>
<td>Audit</td>
</tr>
<tr>
<td>WV</td>
<td>Withdrawal from Audit</td>
</tr>
<tr>
<td>UV</td>
<td>Unsatisfactory Audit¹</td>
</tr>
<tr>
<td>PR</td>
<td>Progress</td>
</tr>
</tbody>
</table>

**Grade Points per Credit**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

These grade point values, when multiplied by the number of course credits, give the total number of grade points earned for that particular course. In a three-credit course, for example, a grade of C yields six grade points; a grade of B yields nine; and a grade of A yields 12. The GPA is always truncated to include the two digits after the decimal point. The GPA is not rounded up based on any number from the third digit after the decimal point (if shown).

**Resident Grade Point Average.** The resident GPA of a student is found by dividing the total number of grade points earned at UW-Eau Claire by the total number of credits attempted. The semester GPA is computed in the same way, using only the grade points earned and the credits attempted during that semester. In computing GPAs, the following are not counted as credits attempted: courses for which S, U, W, or V is received; courses which carry no credit toward graduation (except MATH 10 and MATH 20); repetitions of courses which are eligible for a grade replacement (see Repeating Courses (p. 40).); See also Grade Point Requirements under University Graduation Requirements (p. 50). Upon Degree Completion. Upon the completion of a degree the GPA is final and is associated with that degree. Any credits earned after the award of a degree is calculated as its own GPA and is not included with the previous degree’s GPA.

**Incompletes**

An incomplete (IN) is a temporary mark which may be granted when, for reasons acceptable to the instructor, a student has been unable to complete a portion of a course in the normal time period. Both the final grade, and the fact that an incomplete had been assigned and removed will appear on the record.

**Procedures.** It is the student’s responsibility to initiate a request for an incomplete with the instructor. If the request is approved, the instructor will indicate the conditions for the removal of the incomplete, including the date for submitting all work due, so that it may be evaluated before the reporting deadline. The instructor will submit the incomplete to the Registrar’s Unit, as well as a grade to be recorded as the permanent grade for the course in case the incomplete is not removed.
Removal of Incompletes. An incomplete is removed when the student submits all work due and the instructor reports a new grade for the course. The deadline for the instructor to report the removal of an incomplete is the end of the tenth week of classes of the first regular semester following the granting of the incomplete, regardless of whether the student is enrolled in the University at that time.

If the incomplete has not been removed by the reporting deadline, the default grade submitted with the incomplete will be recorded as permanent unless the instructor authorizes the continuation of the incomplete. If a continued incomplete has not been removed by the reporting deadline (end of the tenth week of classes) in the next semester, it will be replaced by the default grade.

NOTE: The mark of IN (incomplete) is not a course grade. An excessive number of incompletes may affect both the academic standing of students (see Good Academic Standing (p. 42)) and their eligibility for certain types of financial aid.

Progress and Grade Reports
Faculty policy provides that students shall be informed of their progress in the courses for which they are registered. In freshman-level courses, tests, or other means of evaluation should be expected early in the semester (usually at the conclusion of the first four weeks).

Mid-semester Progress Reports. Freshman students will be able to view mid-semester grade reports from each of their instructors, whatever the level of the course. Other students may individually request and receive from each instructor an indication of the general quality of their course work at mid-semester.

Semester Grade Reports. At the conclusion of each term, final grades and academic standing can be viewed on CampS (https://my.uwec.edu).

Academic Distinction
At the conclusion of each term, after grades have been recorded, the Provost/Vice Chancellor awards Academic Distinction, which is reflected on the unofficial transcript.

Full-time students who meet the following criteria are eligible:
1. complete the semester in good academic standing,
2. complete 12 or more credits during the semester, and
3. earn both a semester and resident GPA of 3.20 or higher.

Part-time students who meet the following criteria are also eligible:
1. initially register as part-time students (six to 11 enrolled credits),
2. complete the semester in good academic standing,
3. complete six to 11 credits during the semester, and
4. earn both a semester and resident GPA of 3.20 or higher.

Each college also maintains its own Dean’s List. See the applicable college area for an explanation of Dean’s List criteria.

Final Examinations
Examination week is part of the regular academic semester, and all classes are required to meet as shown in the final examination schedule. Examination schedules are available on the Blugold Central’s website (http://www.uwec.edu/Registrar/faculty/examsched.htm) and in CampS. For short courses, including Winterim and Summer, examinations are usually given at the last scheduled meeting of the class. Each course offered for credit is concluded with a final examination, unless the instructor determines that some other method of evaluation is more appropriate to the objectives of the course.

No student will be permitted to reschedule a final examination, unless there are extraordinary circumstances over which the student has no control (e.g., hospitalization or military obligation). Verification of the circumstances must be furnished by the student. A student with three or more examinations scheduled for one day may request the change of an individual examination time. Changes are not allowed for reasons such as an already purchased plane ticket, leaving campus early, a family vacation, or conflict with employment; unless such work commitment existed prior to the publication of the examination schedule.

A request for a change in the time of an individual final examination must be approved by the instructor, the department chair, and the assistant/associate dean of the college in which the course is offered. Make-up examinations must be scheduled during finals week or later and must be arranged by the student with the instructor.

Transcripts
An official transcript of a student’s record will be issued by the Registrar’s office per the student’s online request. No transcripts are released (except when requested by advisers or administrative officers within the University) without the permission of the student. An official transcript cannot be issued until all admission and financial obligations to the University have been met in full.

Unofficial transcripts are available to students for advising purposes and for applying for admission to professional programs. Students may also receive a degree audit report, which is a report of a student’s progress toward fulfilling degree requirements. All documents are available via CampS (https://my.uwec.edu/Registrar/faculty/examsched.htm) and in CampS. For short courses, including Winterim and Summer, examinations are usually given at the last scheduled meeting of the class. Each course offered for credit is concluded with a final examination, unless the instructor determines that some other method of evaluation is more appropriate to the objectives of the course.

No student will be permitted to reschedule a final examination, unless there are extraordinary circumstances over which the student has no control (e.g., hospitalization or military obligation). Verification of the circumstances must be furnished by the student. A student with three or more examinations scheduled for one day may request the change of an individual examination time. Changes are not allowed for reasons such as an already purchased plane ticket, leaving campus early, a family vacation, or conflict with employment; unless such work commitment existed prior to the publication of the examination schedule.

A request for a change in the time of an individual final examination must be approved by the instructor, the department chair, and the assistant/associate dean of the college in which the course is offered. Make-up examinations must be scheduled during finals week or later and must be arranged by the student with the instructor.

Credit by Examination
Advanced Placement Program
Students who achieve a minimum score of three (3) on any of the advanced placement examinations will receive at least three credits in the appropriate liberal education category. In addition, some academic departments have approved granting specific credit. (NOTE: Course equivalencies are subject to change. Students receive the course equivalency in effect when they matriculate.) Rather than a letter grade, students receive a mark of “CP.” For prerequisite purposes this is equivalent to “a grade of C or above.” Departments may restrict the total number of credits earned by examination applicable toward their majors and minors. In no case may more than half the requirements for a major or minor be fulfilled by means of examination for credit.

<table>
<thead>
<tr>
<th>Exam Name</th>
<th>Minimum Score</th>
<th>Credits Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>3 crs., LE-K4 (Fine Arts)</td>
</tr>
<tr>
<td>Art, Studio:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Portfolio</td>
<td>3</td>
<td>3 crs., LE-S3 (Creativity)</td>
</tr>
<tr>
<td>Drawing</td>
<td>3</td>
<td>3 crs., LE-S3 (Creativity)</td>
</tr>
<tr>
<td>Biology: General</td>
<td>3</td>
<td>3 crs., LE-K1 (Natural Sciences)</td>
</tr>
<tr>
<td>Chemistry: General</td>
<td>4</td>
<td>4 crs., Biology elective LE-K1 lab (Natural Sciences)</td>
</tr>
<tr>
<td>Chemistry: General</td>
<td>5</td>
<td>5 crs., CHEM 105 and CHEM 106</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>6 crs., CHEM 115</td>
</tr>
</tbody>
</table>
Chinese 3, 4, or 5 16 crs., CHIN 101, CHIN 102, CHIN 201, and CHIN 202

Computer Science: A or AB 3 3 crs., CS 163

Economics:
- Macroeconomics 3 3 crs., lower division general elective
- Microeconomics 3 3 crs., lower division general elective

Economics: Macroeconomics 3 3 crs., ECON 104

Microeconomics 3 3 crs., lower division general elective

Microeconomics 3 3 crs., ECON 103

English:
- Language & Composition 3 3 crs., General Elective*
- Literature & Composition 3 3 crs., LE-K4*

Language & Composition 4 5 crs., WRIT 116

Literature & Composition 3 3 crs., LE-K4*

Literature & Composition 4 5 crs., WRIT 116

Literature & Composition AND Language & Composition (min. score 3) 4 5 crs., WRIT 116 and 3 crs., General Elective

Literature & Composition AND Language & Composition AND Literature & Composition (min. score 3) 4 5 crs., WRIT 116 and 3 crs., LE-K4 (Fine Arts)

Language & Composition AND Literature & Composition (min. score 3) 4 5 crs., WRIT 116 and 3 crs., LE-K4 (Fine Arts)

Environmental Science 3 3 crs., BIOL 180

French: Language and Culture 3 8 crs., FREN 101 and FREN 102

French: Language and Culture 4 12 crs., FREN 101, FREN 102, FREN 201

French: Language and Culture 5 16 crs., FREN 101, FREN 102, FREN 201 and lower division elective

Geography 3 3 crs., GEOG 111

German: Language and Culture 3 8 crs., GERM 101 and GERM 102

German: Language and Culture 4 12 crs., GERM 101 and GERM 102 and GERM 201

German: Language and Culture 5 16 crs., GERM 101 and GERM 102 and GERM 201 and lower division elective

Government & Politics:
- Comparative 3 3 crs., LE-K2 (Social Sciences)
- United States 3 3 crs., LE-K2 (Social Sciences)

Government & Politics: Comparative 3 3 crs., LE-K2 (Social Sciences)

Government & Politics: United States 4 3 crs., POLS 110

History: European 3 3 crs., LE-K3 (Humanities)

History: European 3 3 crs., HIST 102 and three credits LE-K3 (Humanities)

History: United States 3 3 crs., LE-K3 (Humanities)

History: United States 4 3 crs., HIST 115

History: United States 5 6 crs., HIST 114 and HIST 115

History, World 3 3 crs., LE-K3 (Humanities) and LE-R2 (Global Perspectives)

History, World 4 3 crs., HIST 125

History, World 5 3 crs., HIST 125, 3 crs., History Elective, K3, R2 (Humanities, Global Perspectives)

Italian:

Language & Culture 3 16 crs., Flg elective LE-K3 (Humanities)

Japanese:

Language & Culture 3 16 crs., JAPN 101, JAPN 102, JAPN 201 and JAPN 202

Latin:

Vergil 3 8 crs., LAT 101 and LAT 102

Literature 3 8 crs., Latin elective LE-K3 (Humanities)

Mathematics:

Calculus AB 3 4 crs., MATH 111^ (see ^ in Notes below)

Calculus AB 4 or 5 4 crs., MATH 114^ (see ^ in Notes below)

Calculus BC 3 4 crs., MATH 111~ (see ~ in Notes below)

Calculus BC 4 or 5 8 crs., MATH 114 and MATH 215+ (see + in Notes below)

Statistics 3 4 crs., MATH 246

Music Theory 3 3 crs., LE-K4 (Fine Arts)

Physics 1 3 5 crs., PHYS 211

Physics 2 3 4 crs., PHYS 212

Physics C:

Mechanics 3 3 crs., LE-K1 (Natural Sciences)

Mechanics 4 5 crs., PHYS 231 (can be granted upon completion of PHYS 232 with a grade of B or better)

Electricity & Magnetism 3 3 crs., LE-K1 (Natural Sciences)

Psychology: 3 3 crs., PSYC 100

Spanish:

Language or 3 8 crs., SPAN 101, SPAN 102

Literature 4 12 crs., SPAN 101, SPAN 102, SPAN 201

Literature 5 16 crs., SPAN 101, SPAN 102, SPAN 201, SPAN 202

Seminar 3 3 crs., general elective

Research 3 3 crs., general elective

Notes:

*WRIT 118 Also Required (2 crs.)

^No more than 8 credits can be earned through AP Calculus. In particular, credit is not awarded for Math 111 in addition to Math 114 and 215.

~A Calculus AB subscore is reported for the Calculus BC examination. For a subscore of 3 or for a BC score of 3, students will be awarded 4 credits Math 111. No more than 8 credits can be earned through AP Calculus. In particular, credit is not awarded for Math 111 in addition to Math 114 and 215.

International Baccalaureate Examinations

The University grants credit for a score of four (4) or higher on all Higher Level International Baccalaureate examinations. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of “CP.” For prerequisite purposes this is equivalent to “a grade of C or above.” For current equivalencies see the Academic Testing webpage: http://www.uwec.edu/Testing/creditbyexam/baccalaureate.htm or contact the Academic Testing Office.
College Level Examination Program (CLEP)
The University grants credit for certain examinations offered by the College Level Examination Program (CLEP). These examinations are administered nationwide. At UW-Eau Claire, they are administered by the Academic Testing Office. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of “CP.” For prerequisite purposes this is equivalent to a “grade of C or above.” For current equivalencies see the Academic Testing webpage (http://www.uwec.edu/Testing/creditbyexam/clep.htm). CLEP exams fall into the following two categories.

CLEP General Examinations
The University awards credit for a satisfactory/passing score on the general examinations in Humanities, Natural Sciences, and Social Science/History, which will satisfy one experience in the appropriate LE outcome.

General Examinations should be taken before the student has completed initial enrollment in the University. They must be taken by the time the student has completed 15 semester credits of college work and before enrollment in any courses in the area to be tested. Exceptions to this rule may be made for older students with unique backgrounds. Requests for these exceptions should be directed to the Dean of the College of Arts and Sciences.

CLEP Subject Examinations
The University accepts certain subject examinations. Subject (course equivalent) examinations should be taken before a student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. With departmental permission, however, the student may take an examination for a course in which he/she is enrolled provided it is taken before the end of the first week of classes. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire.

DANTES
The University accepts certain DANTES examinations. A score calculated as a "B-Grade Equivalent" or better on the exam will be awarded credit. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of “CP.” For prerequisite purposes this is equivalent to a “grade of C or above.” Course equivalences should be taken before a student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire. For current equivalencies see the Academic Testing webpage: http://www.uwec.edu/Testing/creditbyexam/DANTES.htm.

Departmental Examinations
Certain departments offer departmentally based examinations for credit. Departments may limit the courses available for credit by examination. Departmental examinations may be taken for a grade or S/U. Departmental examinations should be taken before the student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. With departmental permission, however, the student may take an examination for a course in which he/she is enrolled provided it is taken before the end of the first week of classes. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire.

For information about application procedures and fees, the student should consult with the chair of the department offering the course.

University Graduation Requirements

Baccalaureate Degrees
All candidates for baccalaureate degrees must meet the minimum requirements summarized below. For the specific requirements of each College and each curriculum, consult the appropriate section of this catalog.

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.
USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit</th>
<th>maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td></td>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td></td>
<td>Maximum 2 courses</td>
<td></td>
</tr>
<tr>
<td>Credit by Examination</td>
<td></td>
<td>Total degree credit</td>
<td>maximum ⅓ of total</td>
</tr>
<tr>
<td>Total degree credit</td>
<td></td>
<td>Major or minor</td>
<td>maximum ⅔ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td></td>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td></td>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td></td>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>USAFI Credit</td>
<td></td>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Goal 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49).

Skills Goal 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50).

Skills Goal 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

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Liberal Education Outcomes

The Liberal Education Core is designed to develop in students the skills, knowledge and values they will need to engage with highly diverse communities in a global society. Through the liberal education core, UWEC hopes to foster in every student the ability to think with intellectual rigor, creativity, and independence, to integrate and apply their knowledge, and to act as humane, thoughtful leaders in the community, the workplace, and
the world of ideas. By beginning with the liberal education core and working toward its learning outcomes, students establish a strong, broad foundation around which they will build a rich baccalaureate program. Students can complete the liberal education core requirements both by taking courses and by engaging in out-of-the-classroom learning experiences.

Note: A learning experience comprises specific combinations of learning resources, tools, and activities guided by pedagogical models through which one can identify, to a certain extent, what one has learned. Learning experiences that fulfill students’ liberal education core requirements include both courses and non-course activities. Examples include traditional classroom instruction as well as out-of-the-classroom engagements such as First-Year Seminars and Experiences, Living-Learning Communities, Student-Faculty Collaborative Research, Study and Research Abroad, and Service-Learning.

**Knowledge Goal:**
Build knowledge and awareness of diverse peoples and cultures and of the natural and physical world through the study of arts, histories, humanities, languages, mathematics, sciences and technologies, and social sciences.

**Knowledge 1 (K1) Natural Sciences:** Describe and evaluate models of the natural and physical world through collection and scientific analysis of data, and through the use of mathematical or computational methods. Two learning experiences required. One experience in laboratory science must be selected from either Knowledge 1 or Knowledge 2.

**Knowledge 2 (K2) Social Sciences:** Use knowledge, theories, methods, and historical perspectives appropriate to the social sciences to explain and evaluate human behavior and social institutions. Two learning experiences required. One experience in laboratory science must be selected from either Knowledge 1 or Knowledge 2.

**Knowledge 3 (K3) Humanities:** Use knowledge, historical perspectives, analysis, interpretation, critical evaluation, and the standards of evidence appropriate to the humanities to address problems and explore questions. Two learning experiences required.

**Knowledge 4 (K4) Fine Arts:** Use knowledge, historical perspectives, theories, or methods appropriate to the arts to describe their context, function and impact. One learning experience required.

**Skills Goal:**
Develop intellectual and practical skills, including, for example, inquiry and analysis, critical and creative thinking, written and oral communication, quantitative literacy, information literacy, and teamwork and problem solving.

**Skills 1 (S1) Written and Oral Communication:** Write, read, speak, and listen effectively in various contexts using a variety of means including appropriate information sources and technologies. Two learning experiences required, one of which must meet the University Writing Requirement (p. 48).

**Skills 2 (S2) Mathematics:** Use mathematical, computational, statistical, or formal reasoning to solve problems, draw inferences, and determine the validity of stated claims. One learning experience required to meet the University Mathematics Requirement (p. 48). Students are encouraged to satisfy this requirement by the end of the sophomore year.

**Skills 3 (S3) Creativity:** Create original work, perform original work, or interpret the work of others. One learning experience required, which could be satisfied within a major.

**Responsibility Goal:**
Apply personal and social responsibility for active citizenship and develop skills needed to thrive in a pluralistic and globally interdependent world.

**Responsibility 1 (R1) Equity, Diversity, and Inclusivity:** Use critical and analytical skills to evaluate assumptions and challenge existing structures in ways that respect diversity and foster equity and inclusivity. Two learning experiences required, one of which must satisfy the UW System Design for Diversity (p. 48) requirement.

**Responsibility 2 (R2) Global Perspectives:** Evaluate the impact of systems, institutions and issues in local and global contexts and across cultures. One learning experience required.

**Responsibility 3 (R3) Civic and Environmental Issues:** Use critical and creative thinking to address civic, social, and environmental challenges. One learning experience required.

**Integration Goal:**
Integrate learning across courses and disciplines, and between campus and community life.

**Integration (I1) Integration:** Apply knowledge, skills or responsibilities gained in one academic or experiential context to other contexts. Two learning experiences required, one of which could be satisfied within a major.

**Service-Learning Goal:**
Students will demonstrate learning through service to their community by applying skills and knowledge gained through university coursework and/or experiences.

30 hours are required to complete Service-Learning (p. 49).

**University Writing Requirement**
Students satisfy the University Writing Requirement in one of four ways:

- completing a Blugold Seminar in Critical Reading and Writing course (WRIT 102, WRIT 114, WRIT 116, WRIT 118, or WRIT 120) with a grade of C (not C-) or above
- achieving a suitable score on the English Placement Test (https://www.uwec.edu/academics/blugold-seminar/writ-courses-placement) (WPT ENGL)
- achieving a suitable score on an exam such as the Advanced Placement English Literature and Composition or Advanced Placement English Language and Composition exams
- achieving a suitable score on the University Writing Program Portfolio.

All students are encouraged to satisfy the University Writing Requirement before the completion of the sophomore year.

**University Mathematics Requirement**
Students satisfy the University Mathematics Requirement in one of four ways:

- completing an approved university-level mathematics course (S2 (http://catalog.uwec.edu/undergraduate/attribute-S2)) with a grade of C (not C-) or above
- achieving a suitable score on the UW Math Placement Test (http://catalog.uwec.edu/undergraduate/graduation-requirements/2018_Math_Placement_Web.pdf)
- achieving a suitable score on an exam such as the Advanced Placement Calculus or Advanced Placement Statistics exams
- achieving a suitable score on a Credit by Examination administered by the Department of Mathematics.

All students are encouraged to satisfy the University Mathematics Requirement before the completion of the sophomore year.

**Design for Diversity**
Two learning experiences are required to fulfill the Responsibility 1 Outcome (R1): Equity, Diversity, and Inclusivity requirement. One three credit learning experience must address one or more of the following groups: African Americans, Hispanic Americans, American Indians, and/or Asian Americans, in
order to fulfill the UW System Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV) requirement. Some Colleges have identified specific courses that fulfill the requirement for their majors. Students should consult with their advisors for details.

Service-Learning

All candidates for the baccalaureate degree at the University of Wisconsin-Eau Claire must satisfactorily complete 30 hours of approved service-learning activity. This requirement is intended to provide students with an opportunity to serve their community, apply knowledge gained in the classroom, enhance their critical thinking skills and become informed, active, and responsible citizens.

A Service-Learning Guidebook is available on the Service-Learning (http://www.uwec.edu/sl) website, which outlines the UW-Eau Claire service-learning mission and graduation requirement, and describes the procedures for completion of the requirement. This information is provided to assist students, faculty/staff members, and community project supervisors in designing and undertaking projects that provide both rich experiences for UW-Eau Claire students and substantial benefits for the community.

Students can meet the service-learning requirements in one of three ways:

**Non-credit Option:** A student may fulfill the service-learning requirement—without receiving course credit—through work with an on-campus group or off-campus community organization. To fulfill the requirement under this option, students must work with the Center for Service-Learning by filling out an online application. Students may complete projects in the Eau Claire area or elsewhere, individually or in groups, and during the academic year or over break periods. Projects sponsored by local organizations (“community partners”) are posted on the Center for Service-Learning website. Students may also devise their own projects. The Center for Service-Learning must approve a noncredit option project before the student begins the project.

A student pursuing a noncredit option must work with:

1. A community partner supervisor who approves the student’s service-learning project proposal, provides orientation and training for the student’s project and fills out an evaluation at the end of the student’s service hours.
2. A faculty or academic staff mentor who also approves the student’s service-learning project proposal, helps establish learning objectives, and assists the student in attaining those objectives. The mentor also facilitates the student’s reflection upon completion of the project, and certifies the student has met the service-learning requirement.

**Military Service:** Students in active military service or with an honorable or general discharge from military service are presumed to have met the service-learning graduation requirement. Evidence of military service is provided to the Veterans and Military Education Benefits Office in Blugold Central through a copy of a D.D. 214, D.D. 220, or a transcript from the ACE registry.

**Credit Option** (http://catalog.uwec.edu/undergraduate/attribute-SL):

- **Academic Major:** Students in some majors (such as education, nursing and social work) will fulfill the service-learning requirement through course work required for their major. Students should consult their advisors to determine if this option applies to them.

- **Selected Course:** A student may complete a course designated in this catalog or the current Class Schedule as satisfying one-half (15 hours) or the full (30 hours) service-learning requirement. In some courses, the service-learning activity may be optional.

Students seeking more information about the service-learning requirement should consult their advisors or contact the Center for Service-Learning.

**Academic Concentrations**

Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

Acceptable academic program combinations will be determined at the college level.

A student who elects to pursue any combination of majors, minors and/or certificates beyond the minimum required, should be aware of the UW System policy whereby credits earned beyond 165 (or 30 credits beyond the total required for a program, whichever is higher) will be assessed at a higher level of tuition.

A student may present for graduation only those majors, minors, and/or certificates authorized by the faculty of the College in which the degree program is offered. Any deviation from published requirements in any curriculum must have written approval of the Associate Dean of the College from which the student is to be graduated.

**Grade Point Requirements**

Eligibility for graduation is based upon two GPAs, resident and total:

- **Resident GPA:** The GPA computed on all UW-Eau Claire course work.
- **Total GPA:** The GPA computed on all UW-Eau Claire course work and all transferable course work taken elsewhere.

The Resident and Total GPAs are identical for the student who has completed all course work at UW-Eau Claire. In both computations, GPAs must meet all minimum standards.

A minimum total GPA of 2.00 and a minimum resident GPA of 2.00 is required for graduation from all curricula. Individual Colleges may set higher grade point requirements. These are published, as appropriate, in the College sections of this catalog.

- **Major, Minor, Certificate.** Minimum resident and total GPAs of 2.00 are required in the major, minor and certificate. Colleges of the University may set specific requirements for GPAs in their majors, minors, and certificates. Colleges may also require that GPAs in the major, minor, and certificate be computed on all applicable courses attempted by the student in the respective areas.

**University Residency Requirements**

Resident credit is earned by enrolling in UW-Eau Claire courses, both on and off campus.

- **Minimum total.** Residence of one year (30 semester credits) is required of all candidates for baccalaureate degrees.

- **Senior year.** Twenty-three of the last 30 credits prior to graduation from any curriculum must be earned in residence unless special arrangements have been made by petition to the Associate Dean of the College.
Major. At least 12 credits of the upper-division work (300- to 400- level courses) required in a standard major, and 21 in a comprehensive major, must be taken in residence.

Certificate. At least 25 percent of the credits applied to the certificate program requirements must be taken in residence.

Credits earned through the National Student Exchange Program, the Health Care practicum, internships, study abroad opportunities, and UW-Eau Claire Internet courses are counted as resident credits.

Admission to a College or Program
Admission to the University does not necessarily constitute admission to a particular College or to a degree curriculum offered by a College. Each of the Colleges may set specific admission requirements and procedures, which will be found in the appropriate section of this catalog. As one step toward their degrees, students must be admitted to the College and/or program from which they expect to graduate.

Graduation
Application for Graduation
Each candidate for a baccalaureate degree must apply for graduation via CampS (https://my.uwec.edu) by the end of the first week of undergraduate priority registration for the semester of intended graduation. Failure to apply for graduation on time may result in the postponement of graduation. Although only two commencement ceremonies are held—May and December, students may graduate in May, August, December, or January.

Please note that UW-Eau Claire Barron County has one graduation ceremony held in May.

Degree Planning
Students should consult their academic advisors and develop degree plans as early as possible, so that requirements can be met without delaying graduation. A student may view a Degree Audit at any time on CampS (https://my.uwec.edu). This audit monitors the progress which the student is making toward the declared degree. The Audit is a tool designed to assist the student in course planning. Final confirmation of degree requirements is subject to department, college, and university approval.

A Degree Audit is not designed to serve as a contract—only to provide assistance to the student in planning. Final approval of degree requirements resides with Academic Affairs, but responsibility for meeting these requirements rests primarily upon the individual student.

Catalog Base for Degree Plan. In planning their degree programs, students must follow the curricular requirements of the catalog under which they entered UW-Eau Claire or upon notification to their department of a more recent catalog. Students who are absent from the University for two or more consecutive semesters must follow the catalog in effect at the time of their re-entry. Since Degree Audits are computer-generated reports applying an individual student’s enrollment history to degree requirements as stated in the catalog, any deviation from published requirements for the degree must be authorized by a waiver/substitution form signed by the student’s dean.

NOTE: Transfers who enter UW-Eau Claire within two consecutive semesters of leaving another institution may use the catalog in effect at UW-Eau Claire at the time they entered the prior institution.

Commencement Exercises
Candidates for graduation are encouraged to attend commencement ceremonies, which are held two times during the calendar year: at the close of the fall and spring semesters of the academic year. Caps and gowns must be worn by all graduates.

In order to participate in a commencement ceremony, students must file an application for graduation and must meet at least one of the following conditions:

1. completion of all requirements for the bachelor’s or graduate degree, or
2. current enrollment in the courses necessary to complete all requirements.

Students who will complete all requirements for the degree during the first Three-Week Summer Session are August graduates, but may request permission to attend the May commencement ceremony. Students completing all requirements for the degree in January may attend the prior December ceremony; and students completing all requirements in August may attend the following December ceremony.

Graduation with Distinction
Graduation with distinction is conferred at commencement exercises upon eligible students earning a first or second baccalaureate or associate degree. Eligibility is based on both the resident and the total GPAs as defined under Grade Point Requirements. A student must earn in both computations (resident and total GPAs) the minimum GPA required at each of the three levels of distinction listed below and a minimum of 30 credits in residence to be eligible:

- Summa Cum Laude at least 3.80
- Magna Cum Laude at least 3.50
- Cum Laude at least 3.20

The announcement of graduation with distinction made at the commencement ceremony is based on all work completed prior to the student’s final semester; however, the actual conferral of graduation with distinction will be based on the student’s entire record, including the final semester.

Second Baccalaureate Degree
A graduate who has earned a baccalaureate degree from UW-Eau Claire or another accredited college or university can earn a second baccalaureate degree.

Students who are declared as a double major may not obtain a second baccalaureate degree.

Students who are seeking a second baccalaureate degree should contact the Financial Aid Office to review how this process will affect their financial aid.

It is presumed that the University liberal education core requirements are satisfied by the completion of a baccalaureate degree.

Two degrees may not be awarded in the same term.

The GPA for the second degree will be calculated based on the course work that was completed after graduation from the first baccalaureate degree.

Academic distinction for the second baccalaureate degree is computed based on the credits earned toward the completion of the second degree.

A candidate for a second baccalaureate degree from UW-Eau Claire must satisfy the following graduation requirements:

1. Be admitted to the second baccalaureate degree after completion of the first baccalaureate degree from UW-Eau Claire or another college or university.
2. Have their transcripts reviewed and their plan of study approved by the Associate Dean for the college from which they are seeking the second degree;
3. Obtain 30 credits beyond the first degree, of which at least 23 must be taken in residence;
4. Satisfy all major/minor and other degree-specific requirements of the second degree;
5. Satisfy the UW System Design for Diversity requirement.

Completion After Graduation

Students may, after graduating with a bachelor’s degree from the University of Wisconsin-Eau Claire, complete an additional major or minor. Students may apply for readmission to UW-Eau Claire or apply as a special student. When all course work—which must be taken at UW-Eau Claire—toward the additional major or minor program has been completed, students should contact the Registrar’s Office to initiate a review of the additional information. A statement in the memorandum area of the transcript will be added, noting the completion of such, with the date of completion.
College of Arts and Sciences

Rodd Freitag, Interim Dean (Schofield 220)
Margaret L. Cassidy, Associate Dean—Academic Affairs and Curriculum (Schofield 220)
Marc Goulet, Administrative Officer—Enrollment Management and Student Academic Issues (Schofield 220)

Departments:

Art & Design (p. 138)
Biology (p. 168)
Chemistry (p. 181)
Communication and Journalism (p. 198)
Computer Science (p. 213)
Economics (p. 219)
English (p. 229)
Geography and Anthropology (p. 260)
Geology (p. 276)
History (p. 295)
Languages (p. 307)
Mathematics (p. 348)
Music and Theatre Arts (p. 366)
Philosophy and Religious Studies (p. 397)
Physics and Astronomy (p. 404)
Political Science (p. 417)
Psychology (p. 434)
Sociology (p. 439)

Programs:

American Indian Studies (p. 134)
Latin American Studies (p. 333)
Materials Science (p. 342)
Watershed Institute for Collaborative Environmental Studies (p. 442)

Women’s, Gender, and Sexuality Studies (p. 448)

Programs and courses in the College of Arts and Sciences expose students to the substance and methodology of disciplines in the humanities, arts, natural sciences, and social sciences. Our core values include providing students with opportunities to develop intellectual skills such as analysis, synthesis, critical thinking, and application; strengthen communication skills and abilities; enhance aesthetic appreciation and humanistic understanding; and develop breadth and depth of perspective about the human experience and the natural world. Such skills and attributes are essential for success in any career or profession, as well as for leading lives as engaged, informed, and productive citizens. The largest and most broadly based academic unit at the University, the College of Arts and Sciences comprises 18 departments and several interdisciplinary programs that contribute courses and experiences for students pursuing majors, minors, and certificates based in the college; extensive liberal education course work; and supporting courses for academic programs in other colleges and for pre-professional programs.

Placement and Competency Information

Placement and Competency Tests

The UW System Mathematics Placement Test and the Foreign Language Placement Tests are given during the orientation periods for new freshmen and transfers. Further information about placement or competency tests is available from the chair of the appropriate department or the Academic Testing Office (https://www.uwec.edu/academics/academic-support/advising/testing/placement-testing).

Registration Requirements

1. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must successfully complete the University Writing Requirement. This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
2. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must successfully complete the appropriate Mathematics Competency requirement for the baccalaureate degree program being pursued. This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
3. All students who have not completed the Bachelor of Science Mathematics Competency will be considered Bachelor of Arts candidates and must demonstrate competency in a foreign language at the level of a 102 course (i.e., two semesters of college work). This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
4. All students who transfer to UW-Eau Claire with 59 or fewer earned semester credit hours should meet the appropriate requirements listed in 1, 2, and 3 above as appropriate before registering for any semester or session after they have earned 60 semester credit hours including credits in progress.
5. All students who transfer to UW-Eau Claire with 60 or more earned semester credit hours and who intend to register as a student in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) should meet the requirements listed in 1, 2, and 3 before registering for any semester or summer session.

Planning a Degree Program

To officially declare or change to a new major, minor, or certificate, a student must go to the Advising, Retention + Career Center (http://www.uwec.edu/connect/advising).

All students are encouraged to obtain a new degree audit during this process. Academic and faculty advisors will be assigned as appropriate.

Joint Degrees with Professional Schools

The Board of Regents has authorized the University to grant the Bachelor of Science or Bachelor of Arts degree to students who have completed three years of residence at UW-Eau Claire and who complete the requirements for a Liberal Arts degree after transfer to a professional school. A maximum of 32 semester credits from the professional school may be applied toward the baccalaureate degree. For information, contact the College of Arts and Sciences Dean’s office (Schofield 220).

Dean’s List

At the end of each semester, the College of Arts and Sciences recognizes excellence in scholastic achievement by publishing the Dean’s List. To be eligible, a student must:

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100 level, no repeats, and no Satisfactory/ Unsatisfactory registrations (except in degree credit-bearing
Special Curricular Offerings

Special Topics Courses (291, 491)
Under the numbers 291 and 491, several departments and interdisciplinary programs offer courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to appropriate departments/programs. Departments/programs provide basic course information as part of the schedule building process. Topics are announced in the Class Schedule for the semester.

Restrictions: A total of no more than nine credits in Special Topics courses (291, 491) may be applied toward graduation. Special Topics courses may not be applied toward completion of the Liberal Education Core requirements. Departments/programs may further restrict the application of such credits to their majors, minors, and certificates.

Directed Studies (395, 495)
Courses numbered 395 or 495 (and MUSI 496), offered by several departments and interdisciplinary programs under various titles, are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility: Registration for a Directed Studies course requires the permission of the faculty member who agrees to supervise the project and of the department/program offering the course. Any further conditions of eligibility are established by the department/program and published as part of the course description.

Restrictions: A total of no more than six credits of Directed Study courses may be counted toward graduation. Directed Study courses may not be applied toward completion of the Liberal Education Core requirements. Departments/programs also may restrict the application of such credits to their majors, minors, and certificates.

Procedures: Registration is initiated through an e-form found on the Registrar’s Office website (https://www.uwec.edu/Registrar/student/stuforms.htm). Approval is required by the professor directing the study and the department chair/program director. When registration has been completed, the Registrar’s Office will file a copy of the project description with the College Dean and in the student’s permanent record.

Independent Study (399, 499)
Under the course numbers 399 and 499 (and CHEM 497 and HIST 496), departments and interdisciplinary programs in the College of Arts and Sciences provide advanced students with opportunities for independent study in fields where they have already demonstrated their competence.

Eligibility: Independent Study courses are open only to juniors or seniors. A student with a departmental major or minor may elect an Independent Study in the department of the major or of the minor, provided the student has at least 3.00 resident and total GPAs in that department. A student with an interdisciplinary major may elect an Independent Study in any department/program which has courses required in the major, provided the student has resident and total GPAs of at least 3.00 in the major and has earned a minimum of six credits with resident and total GPAs of at least 3.00 in the department/program in which the Independent Study is elected.

Restrictions: Only three credits of Independent Study (399 or 499; CHEM 497; HIST 496) may be elected during any semester. A total of no more than six independent study credits may be counted toward graduation. Independent Study courses may not be applied toward completion of the Liberal Education Core requirements. Departments/programs also may restrict the application of such credits to their majors, minors, and certificates.

Internships and Apprenticeships
Internship or apprenticeship experiences can be a valuable component in Arts and Sciences programs. Elective courses designated either as an internship or as an apprenticeship are offered in American Indian Studies, Art, Biology, Communication and Journalism, Computer Science, Criminal Justice, Economics, English, Environmental Public Health, Environmental Studies, Geography, Geology, History, Latin American Studies, Liberal Studies, Materials Science and Engineering, Mathematics, Music, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Theatre Arts, and Women’s, Gender, and Sexuality Studies.

Departmental Honors Programs
The Departments of Biology, Chemistry, Computer Science, Economics, English, Geography and Anthropology, Geology, History, Mathematics, Music and Theatre Arts, Philosophy and Religious Studies, Political Science, and Sociology have established Departmental Honors Programs for their majors. The Materials Science Program, as well as majors in Criminal Justice (p. 66) and in Spanish (see the Department of Languages (p. 307)) also offer an Honors Program.
See departmental/program listings or the interdisciplinary program section for requirements.

Degrees and Curricula

Bachelor of Arts (B.A.) or Bachelor of Science (B.S.)
The B.A. degree and the B.S. degree are differentiated not by the major chosen, but by specific College requirements. For the standard and comprehensive majors listed below, students may elect either the B.A. or B.S. degree.

College of Arts and Sciences Majors

Standard Majors (Liberal Arts):
American Indian Studies
Art
Biology
Chemistry
Communication
Computer Science
Economics
English
French
Geography
Geology
German
History
Integrated Strategic Communication
Journalism
Latin American Studies
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Spanish
Theatre Arts
Women’s, Gender, and Sexuality Studies

Comprehensive Majors:
Actuarial Science-Liberal Arts (Department of Mathematics)
Art-Liberal Arts
Biochemistry/Molecular Biology-Liberal Arts (Interdisciplinary)
Biology-Liberal Arts
Chemistry-A.C.S.
Chemistry with Business Emphasis (Department of Chemistry)
Chemistry-Liberal Arts
Computer Science-Liberal Arts
Criminal Justice-Liberal Arts (Interdisciplinary)
Geography-Liberal Arts
Geology-Liberal Arts
Geospatial Analysis and Technology-Liberal Arts (Department of Geography and Anthropology)
Materials Science-Liberal Arts
Mathematics-Liberal Arts
Music-Liberal Arts
Neuroscience-Liberal Arts (Interdisciplinary)
Political Science-Liberal Arts
Theatre Arts-Liberal Arts

Bachelor of Science (B.S.)
Comprehensive Major: Materials Science and Engineering

Bachelor of Liberal Studies (B.L.S.)
Comprehensive Major: Liberal Studies-Liberal Arts (Interdisciplinary)

Bachelor of Fine Arts (B.F.A.)
Comprehensive Major: Art

Bachelor of Music (B.M.)
Comprehensive Major: Music

Bachelor of Science in Environmental Public Health (B.S.E.P.H.)
Comprehensive Major: Environmental Public Health (Watershed Institute for Collaborative Environmental Studies)

College of Arts and Sciences Minors

A standard Liberal Arts minor is offered in each discipline in which a standard Liberal Arts major is available. In addition, a number of interdisciplinary minors are offered by the College of Arts and Sciences. Program descriptions are found in the College of Arts and Sciences Interdisciplinary section or in the noted academic department/program section.

Ancient Studies (Interdisciplinary)
Art History (Department of Art & Design)
Environment, Society, and Culture (Watershed Institute for Collaborative Environmental Studies)
Environmental Science (Watershed Institute for Collaborative Environmental Studies)
European Studies (Interdisciplinary)
Family Studies (Interdisciplinary)
Global Studies (Interdisciplinary)
Japanese (Department of Languages)
Interdisciplinary Linguistics (Interdisciplinary)
Marine Science (Interdisciplinary)
Middle East Studies (Interdisciplinary)
Multimedia Communication (Interdisciplinary)
Neuroscience (Interdisciplinary)
Pre-Professional Health Science (Interdisciplinary)
Public Health (Interdisciplinary)
Spanish for Health Professions (Department of Languages)
Topical Minor (Interdisciplinary)
Women’s, Gender, and Sexuality Studies

College of Arts and Sciences Certificates

The College of Arts and Sciences offers a number of certificate programs. Program descriptions are found in the College of Arts and Sciences Interdisciplinary section or in the noted academic department/program section.

Africana Studies (Interdisciplinary)
American Indian Studies (American Indian Studies Program)
Ancient Studies (Interdisciplinary)
Anthropology (Department of Geography and Anthropology)
Arts Administration (Department of Music and Theatre Arts)
Campaign Consulting (Department of Political Science)
Chinese (Department of Languages)
Critical Hmong Studies (Interdisciplinary)
Critical Studies in Literatures, Cultures, and Film (Department of English)
Computer Programmer (Department of Computer Science)
Dance Activities (Department of Music and Theatre Arts)
Earth Resources (Interdisciplinary)
Economics of Global Issues (Department of Economics)
Ethics (Department of Philosophy and Religious Studies)
French Proficiency (Department of Languages)
Geospatial (Department of Geography and Anthropology)
Geospatial in GIS (Department of Geography and Anthropology)
Geospatial in Remote Sensing (Department of Geography and Anthropology)
Geospatial in Mapping (Department of Geography and Anthropology)
German Proficiency (Department of Languages)
Global and Comparative History (Department of History)
History of Race, Gender, and Society (Department of History)
Integrated Strategic Communication (Department of Communication and Journalism)
Interdisciplinary Linguistics (Interdisciplinary)
International Affairs (Department of Political Science)
Journalism (Department of Communication and Journalism)
LabVIEW (Department of Physics and Astronomy)
Latin American Studies (Latin American Studies Program)
Programs from other colleges accepted for Arts and Sciences degrees:

**College of Business Majors:**

All College of Business majors are accepted for Arts and Sciences degrees as second majors with the exception of Health Care Administration majors.

**College of Business Minors:**

- Accounting
- Audit and Control
- Business Administration
- Business Finance
- Entrepreneurship
- Information Systems
- International Business
- Management
- Marketing
- Military Leadership

**College of Education and Human Sciences Minors:**

- Gerontology-Liberal Arts
- Kinesiology-Liberal Arts
- Library Science-Liberal Arts
- Science of Coaching-Liberal Arts

**Major/Minor, Major/Certificate and Major/Major Combinations in a Single Department or Program.**

A major and a minor, or a major and certificate, or two majors (if available), may be elected within a single department or program only in the following approved combinations:
Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Bachelor of Liberal Studies Degree (B.L.S.)**

**Bachelor of Liberal Studies**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.
may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Liberal Studies Degree in the College of Arts and Sciences (B.L.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

**Bachelor of Fine Arts Degree (B.F.A.)**

**Bachelor of Fine Arts Degree (B.F.A.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Music Degree in the College of Arts and Sciences (B.M.)**

**Bachelor of Music**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Science Degree in Environmental Public Health (B.S.E.P.H.)**

**Bachelor of Science in Environmental Public Health**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Science in Environmental Public Health Degree in the College of Arts and Sciences (B.S.E.P.H.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

**Associate of Arts and Sciences**

The Associate of Arts and Sciences Degree certifies a student as having satisfactorily completed one-half of the number of credits required for a baccalaureate degree program and meeting certain curricular requirements. To earn the Associate of Arts and Sciences Degree the student must:

1. Earn a minimum of 60 semester credits; 40 of these credits must apply to the Liberal Education Core.
2. Earn at least 30 semester credits, including the last 15, at UW-Eau Claire or at UW-Eau Claire—Barron County.
3. Earn a resident and total GPA of at least 2.00.
4. Count toward the degree no more than six credits earned on a Satisfactory/Unsatisfactory basis.
5. Complete the Liberal Education Core Knowledge Outcome Requirements.
6. Complete the University Writing Requirement. Complete a second Written and Oral Communication Experience.
7. Complete the University Mathematics Requirement.
9. Complete a Global Perspectives or Civic and Environmental Issues Experience.
11. Declare one’s intention to graduate with the Associate of Arts and Sciences Degree by contacting the UW-Eau Claire Degree Review (https://www.uwec.edu/Registrar/student/Graduation-and-Degree-Review.htm) office.

**Pre-Professional Programs**

Pre-professional programs help students prepare for entrance into professional degree programs. Many professional degree programs are offered only at the post-baccalaureate level, so an undergraduate degree is needed before enrolling in them. UW-Eau Claire offers a variety of academic majors that provide excellent preparation for applying to such professional programs. Students interested in these programs should select an academic major that will prepare them to compete for such programs (many are highly selective) as well as provide career alternatives. For other professional degree programs, students transfer to another higher education institution to complete the appropriate professional degree.

Pre-professional programs are not academic degree programs (that is, they are not academic majors, minors, or certificates). Instead, pre-professional programs provide an organized approach to academic advising for students intending to apply to a professional degree program. To enhance academic planning and preparation while enrolled at UW-Eau Claire, a student interested in obtaining a professional degree should:

- Work with a pre-professional advisor who can help plan an appropriate curriculum in the field of interest.
- Obtain information from other colleges/universities regarding specific academic requirements for the professional degree program of interest.
- Declare an academic major that is logically connected to the professional field, and work with an advisor in the academic major.

**Pre-Dentistry**

(Code 705-900)

Advisors: W. Gallagher (Chemistry), J. Halfen (Chemistry), J. Lyman Gingerich (Biology).

Students should plan to spend at least three years in pre-professional work. Many pre-dentistry students complete a B.S. degree in biology or chemistry. A typical first-year program includes:

Select one of the following: 8-10

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106 &amp; CHEM 109</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory and General Chemistry II with Lab</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 115 &amp; CHEM 213</td>
<td>Chemical Principles and Quantitative Analysis</td>
</tr>
</tbody>
</table>

**Required:**

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<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus (and/or MATH 112/MATH 113, and/or MATH 114)</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
</tr>
</tbody>
</table>

Completion of University Writing Requirement

**Advanced courses**

Select one of the following: 9-10

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>PHYS 211 &amp; PHYS 212</td>
<td>General Physics and General Physics</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PHYS 231 &amp; PHYS 232</td>
<td>University Physics I and University Physics II</td>
</tr>
</tbody>
</table>

**Required:**

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<tbody>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
</tr>
</tbody>
</table>
Consult an advisor for further recommendations.

NOTE: Students should plan on taking the DAT (Dental Admissions Test) in the late spring or early summer of the year prior to the year for which they are seeking to matriculate in dental school.

Pre-Engineering

(Code 195-900)

Advisors: Chemical—S. Drucker (Chemistry),
Civil—L. Ford (Physics and Astronomy),
Electrical—M. Evans (Physics and Astronomy),
General—M. Evans (Physics and Astronomy), L. Ford (Physics and Astronomy),
Mechanical—M. Evans (Physics and Astronomy).

NOTE: High school preparation should include as much algebra, trigonometry, and advanced mathematics as possible as well as courses in chemistry and physics.

Students should plan to transfer after two years at UW-Eau Claire unless they decide to pursue the Dual Degree Engineering Emphasis in Physics or the Dual Degree Geological Engineering Emphasis in Geology. Required freshman and sophomore courses include:

- MATH 114 Calculus I 4
- MATH 215 Calculus II 4
- MATH 216 Calculus III 4
- PHYS 231 University Physics I 5
- PHYS 232 University Physics II 5

Many fields of engineering also require chemistry, statics, dynamics, differential equations, and computer programming. Students should be aware that many engineering schools require GPAs of 2.50 or higher to be admitted to the junior year. Consult a pre-engineering advisor, because specific course and grade requirements vary among engineering fields as well as among schools of engineering.

Pre-Law

(Code 425-900)

Advisors: M. Gilkison (Political Science), E. Kasper (Political Science), M. Meyer (Philosophy and Religious Studies), P. Myers (Political Science).

Students should plan to complete a baccalaureate degree before applying for law school admission and may choose from any major program of study. Choice of major and minor fields should be done with the following information in mind, including consideration of an alternative career plan. In addition to meeting with their major advisor, students should meet with one of the Pre-law advisors early in their first semester. The American Bar Association recommends that future lawyers select a major that develops skills in reading and interpreting texts, research and writing. The skills most valued in law school are analytic and problem-solving skills and courses that challenge the student in these areas are recommended. Law school admissions are based on successful completion of the undergraduate degree and scores on the Law School Admission Test (LSAT), along with other criteria set by particular programs. Studies show that students in the following majors consistently score highly on the LSAT: Economics, Finance, History, Literature, Philosophy, Physics/Math, Political Science, and Religious Studies. Courses which are recommended, regardless of major, are:

- ACCT 201 Introduction to Accounting 3
- ANTH 422 Anthropology of Law 3
- BSAD 305 Legal and Regulatory Environment 2
- or BSAD 306 Business Law 2
- ECON 103 Principles of Microeconomics 3
- ECON 104 Principles of Macroeconomics 3
- ENGL 201 Advanced College Writing 3
- MATH 111 A Short Course in Calculus (and/or MATH 246) 4
- PHIL 150 Logic and Critical Thinking 3
- PHIL 310 Philosophy of Law 3
- POLS 110 American National Politics 3
- POLS 305 Survey of U.S. Constitutional Principles 3

And other courses dealing with the American political system

In addition, U.S. and world history courses, as well as ethics are recommended. Students may want to consider majoring in the Legal Studies emphasis in the Political Science Comprehensive Major or creating a topical minor in pre-law. To obtain Pre-Law designation, contact the Political Science department chair. This designation is in addition to major, minor, and certificate program designations.

NOTE 1: The LSAT should be taken early in the senior year (usually September or October).

NOTE 2: In addition to LSAT scores, interviews and recommendations play an important role in law school admissions.

NOTE 3: Students may want to be involved in the Pre-Law Club student organization.

Pre-Medicine

(Code 706-900)

Advisors: J. Anderson (Biology), W. Bryant (Biology), W. Gallagher (Chemistry), D. Gingerich (Biology), J. Halfen (Chemistry), D. Janik ( Biology), M. Kettler (Biological).

The pre-med curriculum consists of those courses needed to meet the entrance requirements for the majority of medical schools and to prepare students to take the Medical College Admission Test. The majority of students should plan to complete the requirements for a baccalaureate degree. Because of the competition for available places, students are urged to plan programs that will permit alternative career choices if acceptance into medical school is not secured. Typical first-year courses include:

- BIOL 221 Foundations of Biology I 4

Select one of the following: 8-10

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
</tr>
<tr>
<td>&amp; CHEM 213</td>
<td>and Quantitative Analysis</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>and General Chemistry II with Lab</td>
</tr>
</tbody>
</table>

Required:
One or two semesters of mathematics
Completion of the University Writing Requirement
Consult an advisor for further recommendations.

NOTE 1: CHEM 103 and CHEM 104, or CHEM 105, CHEM 106, and CHEM 109 may be substituted for CHEM 115 in the biochemistry/molecular biology major, but only six of the credits will count toward the major.

NOTE 2: Entry into medical schools is based on the following:
1. the student's academic record,
2. the results of the Medical College Admission Test, which should be taken in the spring of the junior year,
3. recommendations, and
4. interviews.

NOTE 3: A limited number of scholarships are available for sophomore, junior, and senior pre-medicine students who meet the scholarship criteria.

Pre-Optometry
(Code 703-900)
Advisor: D. Janik (Biology).

Students should plan to spend at least two years in undergraduate study; the majority of successful applicants have three or four years of college work. A typical first-year program includes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following:</td>
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<td>6-9</td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II</td>
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<tr>
<td>OR</td>
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<tr>
<td>CHEM 105 &amp; CHEM 106 &amp; CHEM 109</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory and General Chemistry II with Lab</td>
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<td>OR</td>
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<td></td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
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</table>

Mathematics course
Completion of the University Writing Requirement
Consult an advisor for further recommendations.

NOTE: The Optometry Admission Test should be taken before the semester in which the student applies for acceptance into a school of optometry. Because of competition for the available places, students are urged to plan programs that will permit alternative career choices if acceptance into an optometry school is not secured.

Pre-Physician Assistant
(Code 707-900)
Advisors: D. Herman (Biology), D. Janik (Biology).

Most physician assistant programs are now at the graduate level (M.S.). Students should plan on completing a baccalaureate degree before applying to physician assistant graduate programs. Specific requirements for admission will vary among programs, and students are encouraged to consult the specific program catalog for these requirements. In preparation, students should take two semesters of chemistry, two semesters of physics, precalculus/calculus, biology courses including organismal form and function, microbiology, two semesters of anatomy and physiology, psychology courses, and a communication course. Other courses may be required. Consult with an advisor for further recommendations and information, including information about regional program requirements.

Pre-Veterinary Medicine
(Code 708-900)
Advisor: S. Showsh (Biology).
Students should plan to spend at least three years in pre-professional work. Many students complete a B.S. degree. A typical first-year program includes:

<table>
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<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL 221</td>
<td>4</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>8-10</td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II</td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106 &amp; CHEM 109</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory and General Chemistry II with Lab</td>
</tr>
<tr>
<td>CHEM 115 &amp; CHEM 213</td>
<td>Chemical Principles and Quantitative Analysis</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>4</td>
</tr>
</tbody>
</table>

Completion of University Writing Requirement

Consult an advisor for further recommendations.

NOTE: Most schools of veterinary medicine require experience with animals, such as that gained through a farm background or working as assistant to a veterinarian, as well as the completion of the general test of the Graduate Record Examination. Because of competition for the available places, students are urged to plan a degree program that will permit alternative career choices if acceptance into a school of veterinary medicine is not secured.

### Interdisciplinary Programs

#### Interdisciplinary Curricula

A number of interdisciplinary academic programs, majors, minors and certificates, i.e., those that cross disciplines, are housed in the College of Arts and Sciences or affiliated with the College. All represent collaborative efforts to provide course work across and study of interconnections between multiple fields. The curriculum is delivered in a variety of ways. Often, faculty contribute disciplinary courses to interdisciplinary major, minor or certificate requirements and electives. Disciplinary courses may be cross-listed with an interdisciplinary prefix to highlight the contributions of the various fields.

In other instances, faculty teach interdisciplinary courses exclusively or partially for the interdisciplinary program. Those with partial assignments in the interdisciplinary program also teach disciplinary courses for a “home” department. Interdisciplinary academic programs in the College of Arts and Sciences are listed alphabetically with Arts and Sciences departments.

Inquiries about the interdisciplinary majors, minors, and certificates included in this section may be directed to the identified advisor(s) or academic department/program, or the College of Arts and Sciences. Information regarding the following interdisciplinary comprehensive majors can be found in the noted departmental sections: Actuarial Science—Department of Mathematics; Chemistry with Business—Department of Chemistry; Geospatial Analysis and Technology—Department of Geography and Anthropology.

#### Majors

- Comprehensive Major: Biochemistry/Molecular Biology, Liberal Arts - B.A./B.S. (p. 63)
- Comprehensive Major: Criminal Justice, Liberal Arts - B.A./B.S. (p. 66)
- Comprehensive Major: Liberal Studies, Liberal Arts - B.L.S. (p. 75)
- Comprehensive Major: Neuroscience, Liberal Arts - B.A./B.S. (p. 79)
- Comprehensive Major: Physical Science, Teaching - B.S. (p. 82)
- Comprehensive Major: Physics-Mathematics, Mathematics Emphasis, Teaching - B.S. (p. 85)
- Comprehensive Major: Physics-Mathematics, Physics Emphasis, Teaching - B.S. (p. 89)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics – B.A. (p. 95)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics/History – B.A. (p. 99)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography – B.A. (p. 103)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography/History – B.A. (p. 107)
- Comprehensive Major: Social Studies Broadfield Teaching, History – B.A. (p. 111)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science – B.A. (p. 115)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science/History – B.A. (p. 119)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology – B.A. (p. 123)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology/History – B.A. (p. 127)

#### Minors

- Minor: Ancient Studies, Liberal Arts (p. 63)
- Minor: European Studies, Liberal Arts (p. 69)
- Minor: Family Studies, Liberal Arts (p. 70)
- Minor: General Science, Middle Childhood/Early Adolescence (p. 71)
- Minor: Global Studies, Liberal Arts (p. 72)
- Minor: Interdisciplinary Linguistics (p. 74)
- Minor: Language Arts, Middle Childhood/Early Adolescence (p. 74)
- Minor: Marine Science, Liberal Arts (p. 77)
- Minor: Middle East Studies, Liberal Arts (p. 78)
- Minor: Multimedia Communication, Liberal Arts (p. 78)
- Minor: Neuroscience, Liberal Arts (p. 81)
- Minor: Pre-Professional Health Science, Liberal Arts (p. 93)
- Minor: Public Health, Liberal Arts (p. 93)
- Minor: Social Studies, Middle Childhood/Early Adolescence (p. 131)
- Minor: Teaching of English to Speakers of Other Languages, Middle Childhood/Early Adolescence (p. 133)
- Minor: Teaching of English to Speakers of Other Languages, Early Adolescence/Adolescence (p. 132)
- Minor: Teaching of English to Speakers of Other Languages, Early Childhood/Adolescence (p. 132)
- Minor: Topical Minor, Liberal Arts (p. 133)

#### Certificates

- Certificate: Africana Studies (p. 62)
- Certificate: Ancient Studies (p. 62)
- Certificate: Earth Resources (p. 69)
- Certificate: Interdisciplinary Linguistics (p. 73)
- Certificate: Middle East Studies (p. 77)
- Certificate: Responsible Mining (p. 95)
- Certificate: Teaching English as a Foreign Language (p. 132)
- Certificate: Transnational Asian Studies (p. 133)
Africana Studies, Certificate
(Code 380-631)

Advisor: S. Duckworth-Lawton (History).

The Certificate in Africana Studies is designed for all students interested in deepening their knowledge of African, African diasporic and especially African-American lives. Through this program of study students will critically examine the major historical events that have created and shaped the African diaspora. They will also analyze the experiences and cultural products of people of African descent, as well as contemporary issues faced by African-Americans.

A minimum of 12 credits, of which at least six credits must be at the 300-level or above, and no more than two courses from the same prefix.

Required course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
<td>3</td>
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</tbody>
</table>

The remaining nine credits should be chosen from courses that focus centrally on Black experiences (Core Options), though it is allowable to take one course from the Related Electives (courses that include Black experiences but are not centrally focused on those experiences):

Core Options (minimum of six credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSI 114</td>
<td>Evolution of Jazz</td>
</tr>
<tr>
<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
</tr>
<tr>
<td>ENGL 368</td>
<td>Topics in American Ethnic Literature (when African American literature/culture is the course focus)</td>
</tr>
<tr>
<td>ENGL 468</td>
<td>Seminar in American Ethnic Literature (when African American literature/culture is the course focus)</td>
</tr>
<tr>
<td>HIST 344</td>
<td>African American Civil Rights Movement, 1914-Present</td>
</tr>
<tr>
<td>HIST 345</td>
<td>Civil Rights and American Memory</td>
</tr>
<tr>
<td>HIST 383</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>RELS 342</td>
<td>African American Religion</td>
</tr>
<tr>
<td>POLS 353</td>
<td>Afro-American Politics</td>
</tr>
<tr>
<td>PSYC 348</td>
<td>Black Psychology</td>
</tr>
<tr>
<td>WGSS 215</td>
<td>African-American Feminism in the Humanities</td>
</tr>
<tr>
<td>WGSS 222</td>
<td>Women’s, Gender, and Sexuality Studies Introductory Travel Seminar (when offered as Women and the Civil Rights Movement)</td>
</tr>
</tbody>
</table>

Related Electives (maximum of three credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 312</td>
<td>Race and Ethnicity in the U.S.</td>
</tr>
<tr>
<td>ECON 330</td>
<td>Experiences of Minoritized Groups in U.S. Economy</td>
</tr>
<tr>
<td>ENGL 268</td>
<td>Survey of American Ethnic Literature (when African American literature/culture is the course focus)</td>
</tr>
<tr>
<td>MUSI 111</td>
<td>Global Roots of Music in the United States</td>
</tr>
</tbody>
</table>

Ancient Studies, Certificate
(Code 310-601)

Advisor: M. Waters (Languages).

This certificate is designed for undergraduate students with an interest in Ancient Studies. It is particularly geared toward students for whom a deeper understanding of the societies and cultures of the ancient world – foundational within a humanistic education – will complement and enhance their major area of study and/or future careers.

A minimum of 12 credits is required, with at least six credits at the 300-level or above.

From the following list, two courses at any level with the same prefix must be selected (to serve as a core from one discipline, with which to develop perspective on others). The remaining six credits from any on the following list. Four credits of language study (Classical Greek or Latin) may be applied to the certificate.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 169</td>
<td>Introduction to Archaeology</td>
</tr>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
</tr>
<tr>
<td>ARTH 315</td>
<td>Ancient Greek, Etruscan, and Roman Art</td>
</tr>
<tr>
<td>ARTH/AIS 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
</tr>
<tr>
<td>FLTR 250</td>
<td>Classical Mythology</td>
</tr>
<tr>
<td>FLTR 360</td>
<td>Readings in Ancient Literature</td>
</tr>
<tr>
<td>GRK 101</td>
<td>Beginning Classical Greek</td>
</tr>
<tr>
<td>GRK 102</td>
<td>Beginning Classical Greek</td>
</tr>
<tr>
<td>HIST 302</td>
<td>Ancient Near Eastern Civilizations</td>
</tr>
<tr>
<td>HIST 304</td>
<td>Greek Civilization</td>
</tr>
<tr>
<td>HIST 306</td>
<td>Roman Civilization</td>
</tr>
<tr>
<td>HIST 308</td>
<td>Ancient Historiography</td>
</tr>
<tr>
<td>LAT 101</td>
<td>Beginning Latin</td>
</tr>
<tr>
<td>LAT 102</td>
<td>Beginning Latin</td>
</tr>
<tr>
<td>PHIL 235</td>
<td>Ancient Philosophy</td>
</tr>
<tr>
<td>RELS 230</td>
<td>Old Testament/Hebrew Bible</td>
</tr>
<tr>
<td>RELS 240</td>
<td>New Testament</td>
</tr>
<tr>
<td>RELS 303</td>
<td>Early Christianity</td>
</tr>
<tr>
<td>POLS 309</td>
<td>Classical Political Thought</td>
</tr>
</tbody>
</table>

With advisor approval, the following may be applied to completion of the certificate: (1) up to three credits of relevant independent study or directed studies; (2) additional relevant courses.

Note: Courses used for the certificate cannot count for the student’s major program.
Ancient Studies, Minor

Liberal Arts (Code 310-401)

Advisor: M. Waters (Languages).

The minor in Ancient Studies touches upon almost every field of human inquiry: language, literature, history, politics, religion, medicine, and science, to note only a few of the broader disciplines. Students taking courses to fulfill this minor will pursue the following specific goals:

1. to enhance their appreciation and understanding of ancient languages, cultures, and their own heritage;
2. to develop students’ critical thinking abilities via language acquisition (study of grammar, translation, and interpretation), text analysis, historical perspective, and study of the influence of ancient civilizations upon subsequent periods;
3. to pursue an option within the undergraduate experience which allows one to explore in a systematic way the fundamental building blocks and materials of a liberal education and, thereby, highlight UW-Eau Claire’s goals as a liberal arts institution;
4. to develop an interdisciplinary approach to these fields of study and to discover, by study of their origins, an apprehension of the underlying reasons and methods of discourse and institutions of the western world;
5. to see ourselves in perspective, to become more enlightened citizens, and to think more deeply about the human condition and important issues in our lives—based on the bedrock of the earliest approaches, which impacted all subsequent ones, to such questions.

Core Requirements

The minor consists of 24 credits of core and elective course work, including foreign language competency at the 102 level.

Select one of the following: 8

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAT 101 &amp; LAT 102</td>
<td>Beginning Latin and Beginning Latin</td>
<td></td>
</tr>
<tr>
<td>OR GRK 101 &amp; GRK 102</td>
<td>Beginning Classical Greek and Beginning Classical Greek</td>
<td></td>
</tr>
</tbody>
</table>

Elective Courses

Select sixteen credits from the following list with at least two courses from each category below and a minimum of nine credits at the 300 or 400 level.

Total Credits 24

Category A

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 169</td>
<td>Introduction to Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 315</td>
<td>Ancient Greek, Etruscan, and Roman Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH/AIS 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
<td>3</td>
</tr>
<tr>
<td>FLTR 250</td>
<td>Classical Mythology</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 235</td>
<td>Ancient Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>RELS 230</td>
<td>Old Testament/Hebrew Bible</td>
<td>3</td>
</tr>
<tr>
<td>RELS 240</td>
<td>New Testament</td>
<td>3</td>
</tr>
<tr>
<td>RELS 303</td>
<td>Early Christianity</td>
<td>3</td>
</tr>
</tbody>
</table>

Category B

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLTR 360</td>
<td>Readings in Ancient Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

HIST 280  History Travel Seminar 1 1-6
HIST 302  Ancient Near Eastern Civilizations 3
HIST 304  Greek Civilization 3
HIST 306  Roman Civilization 3
HIST 308  Ancient Historiography 3
POL 309  Classical Political Thought 3

1 Destination and format of course, as applicable to this minor, are subject to approval of the minor advisor.

NOTE 1: Up to three credits of Directed Studies or Independent Study for projects focusing on ancient studies may be applied to either category of the minor, with approval from the minor advisor.

Biochemistry/Molecular Biology, Comprehensive Major

Liberal Arts (Code 090-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as
transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit maximum ¼ of total</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Major or minor maximum ½ of total</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit maximum 72 credits</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**Activity credit (band, chorus, drama, KINS 100-184)**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184 maximum 1 credit</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Total Band, chorus, drama maximum 12 credits</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Single course band, chorus, drama maximum 4 credits</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**USAFI**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System no maximum</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Other extension/correspondence maximum ¼ of total</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

**Knowledge Goal**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Integration Goal**
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 090-001)

Advisors: J. Anderson (Biology), C. Del Valle (Biology), W. Gallagher (Chemistry), D. Gingerich (Biology), S. Hati (Chemistry), S. Bailey-Hartsel (Chemistry), J. Lyman Gingerich (Biology), S. Showsh (Biology), T. Yang (Chemistry).

This major leads to entry-level employment opportunities in research and development in industrial and government laboratories as well as to entry-level positions in the biotechnology industry. Graduates will also be well prepared to enter graduate studies in molecular biology, genetics, and related fields, as well as for admission to professional schools in medicine, osteopathy, pharmacy and dentistry. Biochemistry/Molecular Biology (BMB) majors are eligible to apply for Biology or Chemistry Department Honors (see Biology and Chemistry Department entries for criteria).

Biochemistry/Molecular Biology

A minimum of 69 semester credits, including:

I. Biology Course Requirements

(minimum of 26 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>Molecular and Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 324</td>
<td>Genetics Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Advanced Cell and Molecular Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 409</td>
<td>Molecular Genetics</td>
<td>4</td>
</tr>
</tbody>
</table>

II. Chemistry Course Requirements

(minimum of 30 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 406</td>
<td>Biophysical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 452</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 454</td>
<td>Biochemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 453</td>
<td>Biochemistry Laboratory</td>
<td>2</td>
</tr>
</tbody>
</table>

III. Other Course Requirements

(minimum of 13 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>General Physics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>General Physics</td>
<td>4</td>
</tr>
</tbody>
</table>

Note 1: CHEM 103 and CHEM 104, or CHEM 105, CHEM 106, and CHEM 109 may be substituted for CHEM 115, but only six of the credits count toward the major.

Note 2: CHEM 433 (CHEM 434 optional) may be substituted for CHEM 406. (MATH 215 and PHYS 231, PHYS 232 required if CHEM 433 (CHEM 434) is taken.) This substitution is strongly recommended for students considering doctoral study in biophysics or physical biochemistry.
Note 3: Students are also encouraged to seek out a collaborative research experience or do independent study (BIOL 399, BIOL 499, CHEM 399, CHEM 497, or CHEM 499) in addition to their formal course work.

Criminal Justice, Comprehensive Major

Liberal Arts (Code 430-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/public/employee/hrms/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits

UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI

USAFI maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)
Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)
One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)
One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)
Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)
30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.
Major Requirements
Liberal Arts (Code 430-001)

Advisors: J. Spraitz (Criminal Justice), K. Benedini (Criminal Justice) M. Hsieh (Criminal Justice), J. Patchin (Criminal Justice).

The multidisciplinary criminal justice curriculum is designed to familiarize the student with the complex nature of the American criminal justice system. The study of criminal justice focuses upon the structure and functions of law enforcement, the courts, and corrections. Included is the analysis of the political, social, cultural, philosophical, and psychological forces that shape the policies, programs, and practices in the system. The liberal arts orientation of the program prepares the student for graduate-level work in criminal justice, law, and for careers at the local, state, and federal levels in law enforcement, corrections, and court related agencies.

Sixty semester credits, including:

Prerequisite Courses (12 credits)
- CRMJ 103 Survey of the Criminal Justice System 3
- POLS 110 American National Politics 3
- PSYC 100 Introduction to Psychology 3
- SOC 101 Introduction to Sociology 3

Criminal Justice Core Courses (Minimum 27 credits)
- CRMJ 280 Criminal Justice Research Methods 3
- CRMJ 301 Criminology Theory 3
- CRMJ 302 Youth Crime and Juvenile Justice 3
- CRMJ 303 Crime Prevention 3
- CRMJ 319 Police in Society 3
- CRMJ 342 Confinement and Corrections 3
- POLS 301 State and Local Politics 3
- POLS 405 U.S. Constitutional Principles - Due Process and Criminal Law 3

Select one of the following: 3-4
- PSYC 265 Statistical Methods in Psychology I
- SOC 328 Sociological Data Analysis
- MATH 246 Elementary Statistics

Other Required Courses (21 credits)
Law, Constitution, Policy Area:
Minimum of six credits from the following: 6
- ANTH 422 Anthropology of Law
- PHIL 120 Ethical Reasoning
- PHIL 310 Philosophy of Law
- POLS 305 Survey of U.S. Constitutional Principles
- POLS 338 Judicial Politics
- POLS 343 Public Administration
- POLS 346 Public Policy in the United States
- POLS 403 U.S. Constitutional Principles - Powers of Government
- POLS 404 U.S. Constitutional Principles - Civil Liberties
- POLS 406 U.S. Constitutional Principles - Equality and Privacy
- SW 100 Introduction to Social Welfare
- SW 383 Social Welfare Policies and Programs

Individual, Social, Political Behavior Area:
Minimum of six credits from the following:
- CRMJ 325 Victimology
- CRMJ 350 Women and Criminal Justice
- CRMJ 359 Teen Technology Misuse
- POLS 329 Political Violence
- POLS 350 Group and Minority Politics
- POLS 353 Afro-American Politics
- PSYC 245 Social Psychology
- PSYC 251 Abnormal Psychology
- PSYC 331 Child Psychology
- PSYC 332 Psychology of Adolescence
- SW 309 Community-based Corrections
- SW 385 Child Welfare
- SW 489 Social Work in Mental Health Settings
- SOC 312 Race and Ethnicity in the U.S.
- SOC 316 Sociology of Family
- SOC 321 The Individual in Society
- SOC 332 Sociological Research Methods
- SOC 351 Sociology of Deviance

Criminal Justice Intervention and Application Area:
- CRMJ 498 Criminal Justice Internship
- PSYC 325 Theories of Counseling
- PSYC 346 Positive Psychology
- PSYC 357 Ethics in Psychology
- PSYC 380 Introduction to Behavior Modification
- SW 424 Alcohol and Other Drug Abuse

Skills Area:
Maximum of six credits from the following:
- CJ/WGSS 111 Gender, Race, Class, and Communication: The Social Construction of Identity
- CJ 201 Introduction to Interpersonal Communication
- CJ 202 Fundamentals of Speech
- CJ 205 Listening
- CJ 301 Intercultural Communication
- GEOG 280 Cartographic Design
- GEOG 335 Geographic Information Systems I
- PHIL 150 Logic and Critical Thinking

The following courses will be applied to a specific elective category based on the content:
- CRMJ 291 Special Topics
- CRMJ 395 Directed Studies
- CRMJ 397 Student Academic Apprenticeship in Criminal Justice
- CRMJ 399 Independent Study - Juniors
- CRMJ 491 Special Topics
- CRMJ 499 Independent Study - Seniors

Criminal Justice Honors Program
1. Goals
   a. To provide an enriched educational experience for subsequent graduate study, professional activity, public life, or citizenship.
b. To encourage concentrated study in selected areas in the field of criminal justice.
c. To stimulate and challenge exceptional students to gain a better understanding of the issues, substantive content, research and theory in criminal justice.
d. To develop capabilities for independent thought and constructive criticism.

2. Entrance Requirements
   a. Eligibility: Upper-class majors with resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in criminal justice major courses.
   b. Applications for the Honors Program should be made in writing to the Criminal Justice Program Coordinating Committee early in the junior year.

3. Graduation from the University with Honors in Criminal Justice requires maintaining resident and total GPAs of 3.50 in criminal justice major courses, and satisfactory completion of all of the following:
   a. Criminal justice major requirements.
   b. Six credits of independent study, approved by the student’s honors committee.
   c. An honors examination.
   d. An honors research paper

Critical Hmong Studies, Certificate
(Code 295-602)

Advisor: K. Pha (Women’s, Gender, and Sexuality Studies Program)

The Critical Hmong Studies Certificate program is designed for students who have a strong interest in studying Hmong history, culture, society, language, and contemporary issues. The certificate might appeal to students who have limited opportunity to explore academic areas beyond their major discipline, or those who interact with Hmong communities on a professional basis. The certificate consists of 6 core credits and 6 elective credits.

Of the minimum 12 credits required, six would need to be at the 300-400 level (including electives). Elements of the certificate would include (1) Hmong History; (2) Culture, Politics & Society; (3) Critical Race Theory (CRT); (4) Language and/or Electives.

Core credits:
- HMNG 130 Hmong American Experiences in the U.S. 3
- HMNG/WGSS 365 Intersectionality: Critical Approaches to Identity and Injustice 3

Electives:
- ES 385 Social Foundations: Human Relations 3
- HMNG 101 Beginning Hmong I 3
- HMNG 102 Beginning Hmong II 3
- AIS 444 Indigenous Theory and Methodologies 3
- ENGL 368 Topics in American Ethnic Literature 1

Variable credit options:
- Travel seminars focused on Hmong Studies
- Various courses with either Hmong or Hmong-American content or CRT or indigenous approach
- Other distance learning options, in collaboration with other institutions/UW campuses when focused on Hmong Studies

Note: Courses cannot be counted in both the major and the certificate program.

1 When course is focused on Hmong Studies.

Earth Resources, Certificate
(Code 160-603)

Advisor: K. Syverson (Geology).

The Department of Geology administers an Earth Resources certificate. This certificate provides non-Geology majors with core science, policy, and communication skills to better understand complex environmental issues involving mineral and water extraction and usage. The certificate would be ideal for Business, Communication, Economics, Geography, Journalism, Political Science, and Integrated Strategic Communication: Public Relations majors, who might need to communicate with scientists, engineers, politicians, and advocacy groups about environmental issues.

Sixteen credits required

Required Core (10 crs):
- BIOL 338 Vegetation Ecology 4
- GEOL 301 Earth Resources 3
- GEOL 308 Water Resources 3

Communication Skills (choose one of the following): 3
- CJ 203 Fundamentals of Human Communication
- CJ 222 Beginning Journalism
- CJ 250 Introduction to Organizational Communication
- CJ 260 Introduction to Integrated Strategic Communication

Policy and Ethics (choose one of the following): 3
- ECON 268 Environmental Economics
- ENV/GEOG 377 U.S. Environmental and Sustainability Policy
- PHIL 320 Environmental Ethics

Note: Students cannot pursue the Geology major and the Earth Resources certificate to meet graduate requirements for completing a first and second degree program.

European Studies, Minor

Liberal Arts (Code 331-403)

Advisor: P. Turner (History).

The European Studies Minor is designed:

1. to develop a multidisciplinary understanding of the peoples and cultures of Europe and its neighbors;
2. to provide a broad program for students interested in international relations; and
3. to promote the evaluation of European systems, institutions and relationships of power in a historical, political and geographical context.

Twenty-four semester credits distributed as follows: 24

Core Requirements
European language competency at the 102 level 1
OR

Completion of approved Europe-based study abroad program

And at least one of the following courses:

- GEOG 301 Geography of Western Europe
- GEOG 308 Geography of Russia and Eastern Europe
- HIST 326 Twentieth Century Europe, 1900 to Present
- POLS 323 Politics of Eastern Europe
- POLS 327 Politics of Continental Europe

Remainder of 24 credits selected from the following, with at least 9 at the upper-division and no more than 9 credits of the total 24 from any one prefix. Courses marked with an asterisk* may count in either the core or the electives, but not both.

- ARTH 319 Renaissance Art
- ARTH 321 Baroque and Rococo Art
- ENGL 252 Perspectives on Pre-1790 British Literature
- ENGL 257 Representative Shakespeare
- ENGL 259 Perspectives on British Literature After 1790
- ENGL 351 Chaucer and His Age
- ENGL 352 Topics in British Literature Before 1790
- ENGL 357 Shakespearean Topics
- FREN 354 History of French Civilization
- FREN 355 Contemporary French Civilization
- FREN 361 Survey of French Literature I
- FREN 362 Survey of French Literature II
- GEOG 301 Geography of Western Europe*
- GEOG 308 Geography of Russia and Eastern Europe*
- GERM 363 Modern Germany: Literature, History, Culture
- HIST 284 The Nazis and Germany, 1914-1945
- HIST 286 History of World War II
- HIST 304 Greek Civilization
- HIST 306 Roman Civilization
- HIST/WGSS 313 Gender, Sex, and Science in European History
- HIST 315 The Age of Reformation
- HIST 325 History and Memory in Europe
- HIST 326 Twentieth Century Europe, 1900 to Present*
- HIST 327 Preparatory Study for Central European Travel Seminar
- HIST 360 Modern France
- HIST 362 Modern Germany
- HIST 375 Twentieth Century Russia
- HIST 376 World War I and II Military
- HIST 381 Comparative Genocide
- HIST 382 Imperialism Since 1800
- HIST 401 Public History in Great Britain

European languages applicable to the minor include French, German, Greek, Latin, Russian and Spanish. Other European languages not offered by UW-Eau Claire may count toward the minor with program advisor approval. Students may count up to 8 language credits toward the minor.

Consult with program advisor for approved study abroad experiences.

Courses undertaken as part of a study abroad can also count toward the minor. Consult with program advisor.

Family Studies, Minor

Liberal Arts (Code 487-401)

For advising, contact the Sociology Department.

The interdisciplinary Family Studies Minor is designed to:

1. enhance students’ understanding of the issues and problems confronting contemporary families from sociological, developmental, psychological, historical, religious, economic, and anthropologic perspectives;
2. examine the well-being of diverse individuals and families over the lifespan including the dynamic relations within families and the interaction between families and society;
3. provide an interdisciplinary liberal arts base for students who wish to pursue graduate study and careers working to improve the lives of individuals, families and communities; and
4. provide a knowledge of family studies that will foster personal and social development of the individual student.

Twenty-four semester credits, including:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 370</td>
<td>History of the Family in America</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>SOC 316</td>
<td>Sociology of Family</td>
<td>3</td>
</tr>
</tbody>
</table>

Category A, B, C, D Courses—one course from each category required:

**A. Life Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 331</td>
<td>Child Psychology</td>
</tr>
<tr>
<td>PSYC 332</td>
<td>Psychology of Adolescence</td>
</tr>
<tr>
<td>PSYC 333</td>
<td>Psychology of Adulthood and Aging</td>
</tr>
<tr>
<td>PSYC 334</td>
<td>Psychology of the Exceptional Child</td>
</tr>
</tbody>
</table>

**B. Gender and Sexuality**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 315</td>
<td>Aging and the Aged</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH/WGSS 356</td>
<td>Women in Cross-Cultural Perspective</td>
</tr>
</tbody>
</table>
### General Science, Minor - Teaching

**Middle Childhood/Early Adolescence (Code 120-403)**

The MCEA science minor prepares students to teach a breadth of science areas in Grades 1-8. A minimum of 24 semester credits is required to fulfill the science minor. To prepare to teach in Grades 1-8, courses in certain science areas are required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>General Biology</td>
<td>3-4</td>
</tr>
<tr>
<td>or BIOL 151</td>
<td>Biology of Humans</td>
<td></td>
</tr>
<tr>
<td><strong>AND one of the following:</strong></td>
<td></td>
<td>4-5</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
<td></td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
<td></td>
</tr>
<tr>
<td>PHYS 100</td>
<td>Physical Science</td>
<td></td>
</tr>
</tbody>
</table>

**Total: 7-8 credits (1 biological & 1 physical science lab science)**

Remaining 16-17 credits must include the science area not taken from the MCEA required science courses (i.e., physical or earth/space) but is not limited to the courses listed above. MCEA science minor students should complete a course in physical, life, and earth/space sciences. Therefore, remaining credits may be taken from any of the science areas listed below. A variety of science areas is recommended to increase breadth of science knowledge.

### Select courses from the following:

**Biology**
- BIOL 130 Human Sexual Biology 3
- BIOL 151 Biology of Humans 4
- BIOL 180 Environmental Biology and Conservation 3
- BIOL 181 Environmental Biology and Conservation Lab 1
- BIOL 195 Plants and Society 4
- BIOL 196 Human Nutrition 3
- BIOL 214 Human Anatomy and Physiology I 4
- BIOL 311 General Entomology 4

**Chemistry**
- CHEM 100 Chemistry: Issues and Answers 3
- CHEM 103 General Chemistry I 4-5
  - or CHEM 105 & CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory |
- CHEM 104 General Chemistry II 4
  - or CHEM 109 General Chemistry II with Lab |
- CHEM 115 Chemical Principles 6
- CHEM 121 Elementary Chemical Education 1
- CHEM 127 Chemistry and Climate 3
- CHEM 150 Survey of Biochemistry 3
- CHEM 191 Current Topics in Chemistry 1-3
- CHEM 304 Environmental Chemistry 3
- CHEM 399 Independent Study - Juniors 1-3

**Geology**
- GEOL 102 Oceanography 3
- GEOL 106 Earth Science 4
- GEOL 115 Environmental Geology 4
- GEOL 122 The Future of Global Energy 3
- GEOL 201 Geology of Our National Parks and Monuments 2
Global Studies, Minor

Liberal Arts (Code 424-400)

Advisors: A. Abbotalebi (Political Science), M. DaCosta (Economics), or D. Shih (English). Students pursuing a major in the College of Business should see their major advisor for information about the Global Studies Minor.

The interdisciplinary minor in Global Studies is designed to enhance students’ understanding of other languages, diverse cultures, and global issues. It provides students with the knowledge and skills that can be used in a changing and increasingly interdependent world. It also offers curricular options that encourage participation in other international studies programs as well as study abroad and internship options. By completing this minor, students should develop:

1. a historical perspective of international life, cultures, and countries;
2. an understanding of economic and financial differences that often define life in other countries and account for life experiences, education, and social development;
3. an understanding of the social and cultural differences that serve to define life in international communities;
4. an understanding of world politics and the influence of private and public organizations that are transforming power and social interactions around the world;
5. an understanding of world geography by studying the production, exchange, consumption patterns, and development of international communities;
6. an understanding of foreign languages that will prepare them for study abroad experiences as well as employment in multinational companies, governmental agencies, education, social work, and health service organizations.

To be awarded the minor, in addition to the 24 semester credits required, students also must have foreign language competency at the 102 level.

Twenty-four semester credits, including:

Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 102</td>
<td>Introduction to Politics</td>
<td>3</td>
</tr>
<tr>
<td>or POLS 122</td>
<td>Introduction to World Politics</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
<td></td>
</tr>
<tr>
<td>ARTH 310</td>
<td>History of World Architecture</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH/AIS 161</td>
<td>Introduction to Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td></td>
</tr>
<tr>
<td>RELS 100</td>
<td>Introduction to the Religions of the World</td>
<td></td>
</tr>
<tr>
<td>RELS 210</td>
<td>Religion and Morality</td>
<td></td>
</tr>
</tbody>
</table>

Elective Courses

Select twelve credits, with a minimum of six credits at the 300 or 400 level:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
<td></td>
</tr>
<tr>
<td>ANTH 355</td>
<td>Peoples of Africa</td>
<td></td>
</tr>
<tr>
<td>ANTH 422</td>
<td>Anthropology of Law</td>
<td></td>
</tr>
<tr>
<td>ANTH 463</td>
<td>Religion and Culture</td>
<td></td>
</tr>
<tr>
<td>ANTH/GEOG 351</td>
<td>Cross-Cultural Dynamics</td>
<td></td>
</tr>
<tr>
<td>ANTH/WGSS 356</td>
<td>Women in Cross-Cultural Perspective</td>
<td></td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td></td>
</tr>
<tr>
<td>ARTH 225</td>
<td>History of Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ARTH 385</td>
<td>Photography: History and Theory</td>
<td></td>
</tr>
<tr>
<td>ARTH/AIS 324</td>
<td>Survey of North American Indian Art</td>
<td></td>
</tr>
<tr>
<td>ARTH/AIS 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
<td></td>
</tr>
<tr>
<td>CJ 301</td>
<td>Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>CJ 319</td>
<td>International Communication</td>
<td></td>
</tr>
<tr>
<td>ECON 351</td>
<td>International Economics</td>
<td></td>
</tr>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
<td></td>
</tr>
<tr>
<td>ECON 355</td>
<td>Economic Development</td>
<td></td>
</tr>
<tr>
<td>ECON/LAS 356</td>
<td>Economic Development of Latin America</td>
<td></td>
</tr>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
<td></td>
</tr>
</tbody>
</table>

1 Only one of GEOG 178 or BIOL 180 may be included in the minor.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach General Science in Middle Childhood through Early Adolescence classrooms.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 213</td>
<td>Body, Mind, Spirit Wellness (meets University Wellness requirement)</td>
</tr>
<tr>
<td>FREN 355</td>
<td>Contemporary French Civilization</td>
</tr>
<tr>
<td>GERM 363</td>
<td>Modern Germany: Literature, History, Culture</td>
</tr>
<tr>
<td>SPAN 356</td>
<td>Contemporary Spain</td>
</tr>
<tr>
<td>SPAN/LAS 352</td>
<td>Latin American Civilization</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Western Europe</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Geography of Russia and Eastern Europe</td>
</tr>
<tr>
<td>GEOG 319</td>
<td>Geography of the Middle East and North Africa</td>
</tr>
<tr>
<td>GEOG/LAS 321</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>GEOG/ENV 378</td>
<td>International Environmental Problems and Policy</td>
</tr>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
</tr>
<tr>
<td>HIST 326</td>
<td>Twentieth Century Europe, 1900 to Present</td>
</tr>
<tr>
<td>HIST 360</td>
<td>Modern France</td>
</tr>
<tr>
<td>HIST 362</td>
<td>Modern Germany</td>
</tr>
<tr>
<td>HIST 366</td>
<td>History of Middle East Since Muhammad</td>
</tr>
<tr>
<td>HIST 375</td>
<td>Twentieth Century Russia</td>
</tr>
<tr>
<td>HIST 381</td>
<td>Comparative Genocide</td>
</tr>
<tr>
<td>HIST 383</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>HIST 384</td>
<td>The Vietnam War</td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
</tr>
<tr>
<td>HIST 393</td>
<td>Roots of Selected Contemporary World Problems</td>
</tr>
<tr>
<td>HIST/LAS 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>HIST/WGSS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
</tr>
<tr>
<td>MUSI 225</td>
<td>Global Traditions in Music</td>
</tr>
<tr>
<td>MUSI 303</td>
<td>Music History 1900 to Present</td>
</tr>
<tr>
<td>NRS 389</td>
<td>Cross Cultural Health</td>
</tr>
<tr>
<td>NRS 448</td>
<td>Comparative Study in Nursing and Health Care</td>
</tr>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
</tr>
<tr>
<td>POLS 321</td>
<td>Politics of the Middle East</td>
</tr>
<tr>
<td>POLS 322</td>
<td>Politics of Russia</td>
</tr>
<tr>
<td>POLS 323</td>
<td>Politics of Eastern Europe</td>
</tr>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
</tr>
<tr>
<td>POLS 325</td>
<td>Model United Nations</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
</tr>
<tr>
<td>POLS 331</td>
<td>International Organization and Law</td>
</tr>
<tr>
<td>POLS 332</td>
<td>International Conflict</td>
</tr>
<tr>
<td>POLS 334</td>
<td>International Political Economy</td>
</tr>
<tr>
<td>POLS 335</td>
<td>International Relations Theory</td>
</tr>
<tr>
<td>POLS 390</td>
<td>Culture and Politics</td>
</tr>
<tr>
<td>POLS/LAS 319</td>
<td>Politics of Latin America</td>
</tr>
<tr>
<td>RELS 304</td>
<td>Modern Christianity</td>
</tr>
<tr>
<td>RELS 307</td>
<td>Judaism</td>
</tr>
<tr>
<td>RELS 309</td>
<td>Islam</td>
</tr>
<tr>
<td>RELS 312</td>
<td>Buddhism: Past and Present</td>
</tr>
<tr>
<td>RELS 314</td>
<td>Hinduism</td>
</tr>
<tr>
<td>RELS 323</td>
<td>Chinese and Japanese Religions</td>
</tr>
<tr>
<td>RELS 378</td>
<td>The Holocaust, 1933-1945</td>
</tr>
<tr>
<td>RELS/AIS 330</td>
<td>Indigenous Religions of the Americas</td>
</tr>
</tbody>
</table>

Note 1: A maximum of 12 credits from the student’s major can count toward the Global Studies Minor.

Note 2: It is not likely that students in majors other than Music will have the prerequisites for MUSI 303.

### Interdisciplinary Linguistics, Certificate

*Code 570-601*

For advising, contact the English Department.

Linguistics bridges the social sciences and humanities, applying scientific methods and perspectives to the study of language, a fundamental human behavior and social institution. The Interdisciplinary Linguistics certificate offers a focused program of study in the structure, acquisition, and/or social functions of language, drawing on theories and methodologies of one or more disciplines. The goal of the program is to enhance students’ abilities to reason about language by providing opportunities to analyze the sounds, words, sentences and/or meanings of natural language; to describe variation and change in natural language; and to form and test hypotheses about language by collecting, organizing, and analyzing linguistic data. While not in itself a professional certification, a linguistics certificate could enhance the career options of students majoring or minoring in computer science, English, languages, teaching English as a second/foreign language, elementary and secondary education, among others.

Twelve semester credits, including:

**Required course:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
</tr>
</tbody>
</table>

**Select nine credits of linguistics electives from the following courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
</tr>
<tr>
<td>CSD 301</td>
<td>American Sign Language Semantics</td>
</tr>
<tr>
<td>CSD 302</td>
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</tr>
<tr>
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<td>Topics in the Structure of English</td>
</tr>
<tr>
<td>ENGL 325</td>
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</tr>
<tr>
<td>ENGL 421</td>
<td>Seminar in Linguistic Research</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
</tr>
<tr>
<td>GERM 325</td>
<td>The German Sound System</td>
</tr>
<tr>
<td>GERM 413</td>
<td>Structure of German in Contrast</td>
</tr>
<tr>
<td>PHIL 322</td>
<td>Philosophy of Language</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
</tr>
<tr>
<td>SPAN 360</td>
<td>Survey of Hispanic Linguistics</td>
</tr>
</tbody>
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Linguistics bridges the social sciences and humanities, applying scientific methods and perspectives to the study of language, a fundamental human behavior and social institution. The Interdisciplinary Linguistics certificate offers a focused program of study in the structure, acquisition, and/or social functions of language, drawing on theories and methodologies of one or more disciplines. The goal of the program is to enhance students’ abilities to reason about language by providing opportunities to analyze the sounds, words, sentences and/or meanings of natural language; to describe variation and change in natural language; and to form and test hypotheses about language by collecting, organizing, and analyzing linguistic data. While not in itself a professional certification, a linguistics certificate could enhance the career options of students majoring or minoring in computer science, English, languages, teaching English as a second/foreign language, elementary and secondary education, among others.

Twelve semester credits, including:

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</tr>
<tr>
<td>SPAN 360</td>
<td>Survey of Hispanic Linguistics</td>
</tr>
</tbody>
</table>
Note: Students may not pursue the Interdisciplinary Linguistics certificate and the English Linguistics major or the Spanish Linguistics major as their first and second degree programs for purposes of graduation. Also, if the Interdisciplinary Linguistics certificate is a student's second program, courses that count in the certificate may not be applied to the student's major for purposes of graduation.

Interdisciplinary Linguistics, Minor

Liberal Arts (Code 570-402)

For advising, contact the English Department.

The ability to communicate through language is a fundamental part of being human. What is the nature of human language? Where did it come from? How is it acquired? Researchers from fields spanning the university have attempted to answer these questions, applying the perspectives of the humanities such as languages and philosophy, the social sciences such as anthropology, psychology, and sociology, and even the natural sciences such as computer science and neuroscience. Students in the Interdisciplinary Linguistics minor will investigate the structure, acquisition, and social functions of human language by drawing on the theories and methodologies of multiple disciplines.

Twenty-four semester credits, including at least 12 credits at the 300 level or higher, as follows:

**Core Courses - at least 8 credits from the following:**
- ANTH 315 Language in Culture and Society
- CSD 262 Phonetics: Theory and Application
- ENGL 221 Introductory English Linguistics
- ENGL 321 Topics in the Structure of English
- ENGL 325 Topics in Language in Society

**Elective Courses - at least 15 credits**

Additional core courses may be taken as electives. ENGL 321 and ENGL 325 may be taken a second time with a different topic. Electives may also be chosen from the following:

- CJ/WGSS 111 Gender, Race, Class, and Communication: The Social Construction of Identity
- CJ 301 Intercultural Communication
- CSD 257 Normal Communication Development
- CSD 301 American Sign Language Semantics
- CSD 302 American Sign Language Linguistics
- CSD 311 Language Development and Disorders: Related Disciplines
- CS 170 Computing for the Sciences and Mathematics
- ENGL 121 Busting Language Myths
- ENGL 421 Seminar in Linguistic Research
- FLG 378 Second Language Acquisition Theory
- FREN 325 Pronunciation
- FREN 430 Environmental and Linguistic Diversity

Elementary or intermediate language courses, including American Sign Language: maximum 4 credits per language and 8 credits total.

Note: A maximum 12 credits counted in the major can be counted in the minor. Students may not pair an English Linguistics major with the minor.

Language Arts, Minor - Teaching

Middle Childhood/Early Adolescence (Code 930-402)

For advising, contact the Education Studies Department.

Consisting of studies in Communication, Communication Sciences and Disorders, English, Education, and Theatre Arts, this minor provides a broad background which is useful to all teachers in the language arts. This minor is an approved minor for individuals seeking licensure to teach in Middle Childhood through Early Adolescence classrooms.

**Twenty-four semester credits, including:**
- ENGL 150 Introduction to Literature 3
- ENGL 302 Teaching Writing in the Elementary and Middle School 3
- LMED 306 Literature For Adolescents 3
- ES 316 Teaching Multicultural Literature in Grades K-12 3

**Select six credits from the following:**

- ENGL 220 Introduction to Creative Writing
- ENGL 221 Introductory English Linguistics
- CJ 105 Communication in Contemporary Society
- CJ 184 Multimedia Communication
- CJ 201 Introduction to Interpersonal Communication
- CJ 202 Fundamentals of Speech
- CJ 203 Fundamentals of Human Communication
- CJ 250 Introduction to Organizational Communication
- CJ 280 Visual Communication
- IDIS 300 Integrated Performing Arts Across the Curriculum

**Select six credits from the following:**

- ENGL 130 Introduction to World/Postcolonial Literature
- ENGL/AIS 142 Introduction to American Indian Literatures
- ENGL 181 Making Sense of the Movies
- ENGL 230 Survey of World/Postcolonial Literature
ENGL/AIS 242 The American Indian in Literature and Film
ENGL 243 American Literature to 1865
ENGL 244 American Literature from 1865-1945
ENGL 245 American Literature Since 1945
ENGL 252 Perspectives on Pre-1790 British Literature
ENGL 257 Representative Shakespeare
ENGL 259 Perspectives on British Literature After 1790
ENGL 268 Survey of American Ethnic Literature
ENGL 272 Perspectives in Popular Texts
ENGL 274 The Short Story
ENGL 275 The Novel
ENGL 276 Poetry
ENGL 277 Drama
ENGL/WGSS 296 Perspectives on Women’s Literature

Total Credits 24

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach English/Language Arts in Middle Childhood through Early Adolescence classrooms.

Liberal Studies, Comprehensive Major

Liberal Arts (Code 370-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>a minimum of 36 credits</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Integration Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total
USAfi maximum 32 credits

RESPONSIBILITY GOAL
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity One (1) learning experience
Responsibility Outcome 2 (R2): Global Perspectives One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues One (1) learning experience

INTEGRATION GOAL
Integration Outcome 1 (I1): Integration Two (2) learning experiences
Integration Outcome 2 (I2): Creative Expression Two (2) learning experiences
Integration Outcome 3 (I3): Civic and Environmental Issues One (1) learning experience
Integration Outcome 4 (I4): Responsible Citizenship One (1) learning experience

SERVICE-LEARNING GOAL
Service-Learning Learning experiences

College Degree Requirements
Bachelor of Liberal Studies

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Liberal Studies Degree in the College of Arts and Sciences (B.L.S.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Major Requirements
Liberal Arts (Code 370-001)
Marine Science, Minor

Liberal Arts (Code 150-400)

Advisors: D. Lonzarich (Biology) [On-Campus Affiliate Coordinator] or K. Syverson (Geology).

This minor is designed for students who are majoring in biology, chemistry, geography, or geology and who are interested in Marine Science. The majority of course work (minimum of four courses) must be taken during two summer sessions at the Gulf Coast Research Lab (GCRL) in Ocean Springs, Mississippi. Remaining credits are chosen from UW-Eau Claire courses outside of one’s major. Courses in chemistry, physics, and calculus are strongly recommended.

The minor consists of 24 credits as follows:

Required courses at Gulf Coast Research Laboratory

<table>
<thead>
<tr>
<th>First Summer (ten credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Science I: Oceanography</td>
</tr>
<tr>
<td>Marine Science II: Marine Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Summer (8 to 12 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose from courses offered at the Gulf Coast Research Laboratory in consultation with an advisor</td>
</tr>
</tbody>
</table>

Remaining credits to be selected from courses outside of one’s major from the following:

- BIOL 345 Invertebrate Zoology
- BIOL 361 Biology of Microorganisms
- BIOL 376 Aquatic Ecology
- BIOL 379 Biology of Fishes
- CHEM 213 Quantitative Analysis
- CS 170 Computing for the Sciences and Mathematics
- ENPH 441 Water and Wastewater
- GEOG 280 Cartographic Design
- GEOG 335 Geographic Information Systems I
- GEOG 338 Remote Sensing of the Environment
- GEOG 340 Climatology
- GEOL 110 Physical Geology
- GEOL 312 Mineralogy and Petrology I
- GEOL 418 Earth History
- MATH 246 Elementary Statistics

Middle East Studies, Certificate

(Code 355-601)

Advisor: S. Fink (Philosophy and Religious Studies)

The Certificate in Middle East Studies is designed for students who have a strong interest in Middle East Studies, but are not able to complete the requirements for a minor in Middle East Studies.

Twelve semester credits from at least three prefixes, selected from the following list:

- RELS 307 Judaism
- RELS 309 Islam
- GEOG 319 Geography of the Middle East and North Africa
Middle East Studies, Minor

Liberal Arts (Code 355-400)

Advisor: S. Fink (Philosophy and Religious Studies).

This minor examines issues in the Middle East from a variety of disciplinary perspectives and includes study of a Middle East language as an option.

Twenty-four semester credits of which students can take no more than three courses with a single prefix, and a minimum of nine credits at the 300- or 400-level.

The Background.

Minimum two courses from the following:

- FLG 101 Beginning Foreign Language I (must be in Arabic, Turkish, Persian, or Modern Hebrew)
- FLG 102 Beginning Foreign Language II (must be in Arabic, Turkish, Persian, or Modern Hebrew)
- RELS 100 Introduction to the Religions of the World
- RELS 307 Judaism
- RELS 309 Islam
- HIST 292 Origins of Current World Conflicts
- HIST 302 Ancient Near Eastern Civilizations
- HIST 382 Imperialism Since 1800
- POLS 334 International Political Economy
- POLS 321 Politics of the Middle East
- POLS 336 Arab-Israeli Conflict
- HIST 366 History of Middle East Since Muhammad
- HIST/WGSS 385 The History of Middle Eastern Muslim Women
- SOC 304 Sociology of the Middle East

NOTE 1: Courses cannot be counted in both the major and the certificate program.

NOTE 2: Though there are no program prerequisites for the Certificate in Middle East Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

NOTE 3: Students may substitute an independent study, special topics, or directed studies course with a focus on the Middle East for a course from either category with consent of the minor advisor.

Multimedia Communication, Minor

Liberal Arts (Code 608-400)

Advisors: R. Cronje (English), C. Theo (Art & Design), G. Vadhavkar (Communication and Journalism).

The ability to develop ideas and present them through a variety of media is indispensable in our communication-rich society. The interdisciplinary minor in Multimedia Communication prepares students to analyze audiences, frame arguments, express themselves clearly in the written and spoken word, understand basic principles of visual design, gather and edit audio and video, and use web-based software to publish their work. Students take courses from the domains of visual communication (Art, Communication & Journalism), written communication (Communication & Journalism, English) and computer programing (Computer Science). The minor is suitable for students who would benefit from the ability to communicate information from their disciplines to a variety of audiences.

Students must complete a total of 24 credits for the minor. Courses counted in the core cannot be used to fulfill requirements in elective credit domains. Because the minor is designed to broaden students’ knowledge and skills in multimedia communication no more than nine credits in the prefix of a student’s major may be counted toward the minor.

Twenty-four semester credits, including:

Required Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 312</td>
<td>Digital Imaging and Design</td>
<td>3</td>
</tr>
<tr>
<td>CJ 184</td>
<td>Multimedia Communication</td>
<td>3</td>
</tr>
<tr>
<td>CS 318</td>
<td>Fundamentals of Web Page Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Three credits from one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 220</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
<td></td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
<td></td>
</tr>
</tbody>
</table>

Elective Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 274</td>
<td>Compositional Principles of Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
<td></td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td></td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td></td>
</tr>
<tr>
<td>ART 374</td>
<td>Visual Communication Design</td>
<td></td>
</tr>
<tr>
<td>ART 375</td>
<td>Digital Design I: Website Development</td>
<td></td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td></td>
</tr>
</tbody>
</table>

No more than six credits of electives may be taken in any one prefix. An English course counted in the core cannot be used to fulfill an elective requirement. Computer Science majors may not select CS 319 to meet any minor requirement.

NOTE 1: ENGL 330 may be substituted for any course in The Middle East category if the topic is Middle Eastern.
Neuroscience, Comprehensive Major

Liberal Arts (Code 445-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFAI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

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Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor maximum ½ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
</tbody>
</table>
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>a minimum of 36 credits</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 4 (R4): Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl">http://catalog.uwec.edu/undergraduate/attribute-sl</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl">http://catalog.uwec.edu/undergraduate/attribute-sl</a>)</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

### College Degree Requirements

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-)
or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 445-001)**

Advisors: B. Carter (Biology), D. Janik (Biology), D. Jewett (Psychology), D. Leland (Psychology), D. Matthews (Psychology).

This comprehensive major will ground students in current neuroscience traditions while enhancing existing neuroscience research using a multidisciplinary learning approach that is built upon a core curriculum from biology, chemistry, philosophy, mathematics, and psychology. The comprehensive major is intentionally integrative in design and encourages transformative learning via an engaging, multidisciplinary curriculum and embedded high impact practices, such as undergraduate research opportunities, and by enhancing critical thinking both inside and outside the classroom.

Sixty semester credits, including:

**Core courses:**
- BIOL 221 Foundations of Biology I 4
- BIOL 222 Foundations of Biology II 3
- BIOL 223 Foundations of Biological Inquiry 2
- BIOL 350 Systems Neuroscience 4
- BIOL 351 Systems Neuroscience Lab 3
- CHEM 115 Chemical Principles 6
- IDIS 125 Brain: Introduction to Neuroscience 4
- PHIL 343 Philosophy of Mind 3
- MATH 246 Elementary Statistics 4
- MATH 441 Linear Regression Analysis, with Time Series 4
- MATH 443 Experimental Design and Analysis 3
- MATH 447 Nonparametric Statistics 2
- PSYC 374 Cognitive Neuroscience 3
- PSYC 375 Behavioral and Clinical Neuroscience 3

Elective courses: 12
- BIOL 323 Genetics
- BIOL 324 Genetics Inquiry
- CHEM 325 Organic Chemistry I with Laboratory
- CHEM 326 Organic Chemistry II with Laboratory
- CHEM 352 Fundamentals of Biochemistry
- CSD 440 Neurological Aspects of Communication & Cognition

**Neuroscience, Minor**

**Liberal Arts (Code 081-401)**

For advising, contact the Biology Department.

Neuroscience is devoted to the understanding of the brain and the nervous system. The brain is the control system for the body and therefore has a central role in determining human health and disease. Neuroscience is interdisciplinary, intersecting with many other fields of study and thought including psychology, biology, philosophy, and medicine. Students who major in these areas should find the Neuroscience Minor a desirable complement to their major studies. Additionally, the Neuroscience Minor curriculum provides valuable preparation for students who intend to enter postgraduate programs related to neuroscience and medicine.

Twenty-four semester credits required, including:

**Foundation Courses:**
- IDIS 125 Brain: Introduction to Neuroscience 4
- BIOL 221 Foundations of Biology 1, 2 4
- BIOL 319 Animal Form and Function 5

A minimum of three core courses chosen from:
- BIOL 350 Systems Neuroscience
- BIOL 351 Systems Neuroscience Lab
- PSYC 374 Cognitive Neuroscience
- PSYC 375 Behavioral and Clinical Neuroscience

Electives:
- BIOL 365 Animal Behavior
- BIOL 380 Endocrinology
- CSD 440 Neurological Aspects of Communication & Cognition
- PHIL 343 Philosophy of Mind
- PSYC 376 Psychology of Perception
- PSYC 377 Psychopharmacology
- PSYC 379 Cognitive Psychology

Note 1: Up to three credits of approved neuroscience-related research from the following courses may be applied to the minor with consent of the advisor:
- BIOL 399 Independent Study - Juniors
- BIOL 497 Senior Research Presentation
- BIOL 499 Independent Study - Seniors
- PSYC 399 Independent Study - Juniors
- PSYC 499 Independent Study - Seniors
Physical Science, Comprehensive Major - Teaching

Teaching (Code 240-004)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Resident Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
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<tr>
<td>Senior year</td>
<td>23</td>
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<tr>
<td>Major, Standard, upper division</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper</td>
<td>21</td>
</tr>
<tr>
<td>division in residence</td>
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</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>major 12</td>
<td></td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>major 12</td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
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<tr>
<td>Single course band, chorus, drama</td>
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<tr>
<td>Extension credits</td>
<td>no maximum</td>
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<tr>
<td>UW-System</td>
<td>maximum ¼ of total</td>
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</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
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</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate
will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
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<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
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<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
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</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

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<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</th>
<th>Two (2) learning experiences</th>
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<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
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<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

| Integration Goal    | Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) | Two (2) learning experiences |

| Service-Learning Goal | Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) | 30 hours                    |

---

**College Degree Requirements**

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

**Early Adolescence Through Adolescence and Early Childhood through Adolescence**

(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Teaching Licensure Requirements - EA-A Licensure**

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through
adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446 or ES 475</td>
<td>Internship Teaching in Middle Level Education Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

**Approved Majors and Minors for Option B**

<table>
<thead>
<tr>
<th><strong>Comprehensive Majors</strong></th>
<th><strong>Code</strong></th>
<th><strong>Prescribed Methods Course</strong></th>
<th><strong>Additional Requirement</strong></th>
<th><strong>Praxis II Content Test Required</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td>ETS 5061</td>
<td></td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics</td>
<td></td>
<td>ETS 5161 and ETS 5435</td>
<td></td>
<td>(regardless of emphasis)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Majors</strong></th>
<th><strong>Code</strong></th>
<th><strong>Prescribed Methods Course</strong></th>
<th><strong>Additional Requirements</strong></th>
<th><strong>Praxis II Content Test Required</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Minors</strong></th>
<th><strong>Code</strong></th>
<th><strong>Prescribed Methods Course</strong></th>
<th><strong>Additional Requirements</strong></th>
<th><strong>Praxis II Content Test Required</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td>no addtl exam</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td>ETS 5081</td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-471</td>
<td></td>
<td>ETS 5146</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td>ETS 5161</td>
<td></td>
</tr>
</tbody>
</table>
Physics 230-403 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

Political Science 420-403 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Sociology 480-404 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Spanish 320-405 ES 366 (F) Study abroad in language WPT and OPI or OPIc

Teaching English to Speakers of Other Languages (TESOL) 550-408 ES 405 (F) 1 yr college level foreign language ETS 5362

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 508)

Major Requirements

Teaching (Code 240-004)

Advisors: E. Hendrickson (Physics and Astronomy), or L. Likkel (Physics and Astronomy).

Sixty semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 226</td>
<td>Astronomy-Solar System</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 340</td>
<td>Optics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Electric and Electronic Circuits</td>
<td>4</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

Select one of the following options:

Option 1 23

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
<td></td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
<td></td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 420</td>
<td>Advanced Synthesis Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

Option 2 23-24

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
<td></td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>and General Chemistry II with Lab</td>
<td></td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
<td></td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

CHEM 325 Organic Chemistry I with Laboratory

CHEM 326 Organic Chemistry II with Laboratory

Required:

At least four credits of electives from MATH 112 or additional Chemistry or Physics courses.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Chemistry, Physics, and Physical Science in Early Adolescence through Adolescence classrooms.

NOTE: Completion of the following requirements and ES 360 adds Broadfield Science licensure to the Physical Science major: BIOL 105 and BIOL 151, and eight credits from GEOG 104, GEOL 110 or GEOL 115, PHYS 229.

Physics-Mathematics, Mathematics Emphasis, Comprehensive Major - Teaching

Teaching (Code 210-004)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Grade Point Requirement</th>
<th>Minimum Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.
Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for USAFI credit.

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total degree credit</th>
<th>Major or minor</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Extension credits</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12</td>
<td>Maximum 1</td>
<td>Maximum 2</td>
<td>Maximum ¾ of total</td>
<td>Maximum 1</td>
<td>Maximum ½ of total</td>
<td>Maximum 72 credits</td>
<td>Maximum 1 credit</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td>No maximum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other extension/correspondence maximum ¼ of total

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Maximum 32 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>Maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome (K1): Natural Sciences</th>
<th>Knowledge Outcome (K2): Social Sciences</th>
<th>Knowledge Outcome (K3): Humanities</th>
<th>Knowledge Outcome (K4): Fine Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restrictions</td>
<td>Two (2) learning experiences</td>
<td>Two (2) learning experiences</td>
<td>Two (2) learning experiences</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>One R1 must satisfy Design for Diversity (p. 50)</td>
<td>Skills Outcome (S1): Written and Oral Communication</td>
<td>Skills Outcome (S2): Mathematics</td>
<td></td>
<td>Skills Outcome (S3): Creativity</td>
</tr>
<tr>
<td>Two (2) learning experiences</td>
<td>One (1) learning experience</td>
<td>One (1) learning experience</td>
<td></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Outcome (R1): Equity, Diversity, and Inclusivity</th>
<th>Responsibility Outcome (R2): Global Perspectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two (2) learning experiences</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Responsibility Outcome 3 (R3): Civic and Environmental Issues
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration
Two (2) learning experiences

Service-Learning Goal
Service-Learning
30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. See the departmental sections of this catalog.

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

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<thead>
<tr>
<th>K2 (Social Sciences)</th>
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<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA/A Licensure

Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A
Early Childhood through Adolescence Licensure

Professional Sequence

| ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings | 2 |
| ES 312 General Methods of Teaching | 2 |
| ES 317 Middle Level Methods and Curriculum | 2 |
| ES 318 Teacher Assisting | 1 |
| ES 328 Content Area Reading and Study Strategies | 2 |
| ES 385 Social Foundations: Human Relations | 3 |
| ES 490 Historical, Legal, and Philosophical Foundations of Education | 3 |
| ES 497 Field Experience Seminar | 2 |
| SPED 300 Inclusive Practices for Secondary Educators | 2 |

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>ES 441 Student Teaching in Elementary Education</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND</td>
<td></td>
</tr>
<tr>
<td>ES 445 Student Teaching in Middle Level Education</td>
<td>6</td>
</tr>
<tr>
<td>or ES 470 Student Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>or ES 440 Internship Teaching in Elementary Education</td>
<td>6-12</td>
</tr>
<tr>
<td>or ES 446 Internship Teaching in Middle Level Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>
or
ES 475 Internship Teaching in Secondary Education

6-12

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

<table>
<thead>
<tr>
<th>Comprehensice Code Major</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
<td></td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kinesiology</td>
<td>KINS 290</td>
<td>ETS 5091</td>
<td></td>
</tr>
</tbody>
</table>

Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
</tbody>
</table>

Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Physical Education</td>
<td>Only with KINS major</td>
<td>No addt'l exam major</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>TESOL</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
<td>ETS S362</td>
</tr>
</tbody>
</table>

In addition to the above core of courses, each student must elect either a Physics Emphasis or a Mathematics Emphasis.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

A broad array of science courses in students’ degree program is recommended.

Majors must complete BIOL 180 or GEOG 178 as part of their Liberal Education Program for certification reasons, but additional course work in other science disciplines would be helpful, such as CHEM 105 and CHEM 106, or CHEM 109.

Mathematics Emphasis

1. At least ten credits selected from mathematics courses numbered above 305. At least one course in a computer programming language is recommended.
2. A minimum of two additional physics courses from the Physics Emphasis.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics and Mathematics in Early Adolescence through Adolescence classrooms.
**Broadfield Science Licensure**

NOTE: Completion of the following requirements and ES 360 adds Broadfield Science licensure to the Physics-Mathematics major:

A. Fourteen credits from one of the following areas: 14

<table>
<thead>
<tr>
<th>Area 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
</tr>
</tbody>
</table>

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104 or CHEM 105, CHEM 106, and CHEM 109) required for physics major

| CHEM 213 | Quantitative Analysis |

Area 3:

| GEOL 110 | Physical Geology |
| or GEOL 115 | Environmental Geology |
| GEOG 104 | The Physical Environment |
| PHYS 226 | Astronomy-Solar System |

Plus one course from:

| GEOL 102 | Oceanography |
| GEOL 301 | Earth Resources |
| GEOL 308 | Water Resources |
| GEOL 418 | Earth History |
| PHYS 229 | Astronomy-Stars and Galaxies |

B. Eight credits in each of the two areas not selected in A above: 8

<table>
<thead>
<tr>
<th>Area 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
</tbody>
</table>

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104 or CHEM 105, CHEM 106, and CHEM 109) required for physics major

<table>
<thead>
<tr>
<th>Area 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>or GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
</tr>
<tr>
<td>PHYS 226</td>
<td>Astronomy-Solar System</td>
</tr>
<tr>
<td>PHYS 229</td>
<td>Astronomy-Stars and Galaxies</td>
</tr>
</tbody>
</table>

---

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

| Minimum total for graduation | 120 |
| Upper division credits (courses numbered 300 and higher) | 39 |
| Liberal Education Core (p. 46) | 36 |
| Academic Concentrations (p. 50) | |

**Grade Point Requirements** (p. 50) 2

| Total | 2.00 average |
| Resident | 2.00 average |
| Major | 2.00 average |
| Minor | 2.00 average |
| Certificate | 2.00 average |

**University Residency Requirements** (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFe Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).
**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Total KINS 100-184</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12 credits</td>
<td>Maximum 1 course</td>
<td>Maximum 2 courses</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td>Maximum 1 credit</td>
<td>Maximum 1 credit</td>
<td>Maximum 12 credits</td>
</tr>
</tbody>
</table>

**Knowledge Goal**

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

**Skills Goal**

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experience

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Total KINS 100-184</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 36 credits</td>
<td>Maximum 12 credits</td>
<td>Maximum 1 course</td>
<td>Maximum 2 courses</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td>Maximum 1 credit</td>
<td>Maximum 12 credits</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

   - A minimum of 36 credits
   - A minimum of 12 credits in KINS 100-184 courses
   - A minimum of 12 credits in any single activity course
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 4 credits in any single activity course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
   - A minimum of 1 credit in a single KINS 110-184 course
   - A minimum of 12 credits resulting from any combination of activity courses
Resident 2.75 average
Total 2.75 average
Major 2.75 average
Minor (for certification only) 2.75 average

3. Residency requirements:
Minimum Total 30 credits
Senior Year 23 credits
Major, in upper division courses 12 credits
Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology 3</td>
</tr>
<tr>
<td>AND another learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major) 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385 Social Foundations: Human Relations (included in major) 3</td>
</tr>
<tr>
<td>AND another learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major) 2</td>
</tr>
<tr>
<td>AND another learning experience</td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA/A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
</tr>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
</tr>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education</td>
</tr>
<tr>
<td>or ES 470</td>
<td>Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
</tbody>
</table>

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.
## Approved Majors and Minors for Option C

### Comprehensive Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td></td>
<td>ETS 5113</td>
</tr>
<tr>
<td>060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td></td>
<td>ETS 5113</td>
</tr>
</tbody>
</table>

### Additional Requirements

In addition to the above core of courses, each student must elect either a Physics Emphasis or a Mathematics Emphasis.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

- Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

- For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

A broad array of science courses in students' degree program is recommended.

Majors must complete BIOL 180 or GEOG 178 as part of their Liberal Education Program for certification reasons, but additional course work in other science disciplines would be helpful, such as CHEM 105 and CHEM 106, or CHEM 109.

### Physics Emphasis

1. At least thirteen credits from PHYS 226, PHYS 229, or any physics courses numbered above 325.
2. Additional courses from the Physics Emphasis or Mathematics Emphasis to give a minimum of 60 credits in mathematics and physics.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics and Mathematics in Early Adolescence through Adolescence classrooms.

### Broadfield Science Licensure

**NOTE:** Completion of the following requirements and ES 360 adds Broadfield Science licensure to the Physics-Mathematics major:

<table>
<thead>
<tr>
<th>Area 1:</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
</tr>
</tbody>
</table>

**Area 2:**

Ten credits in chemistry courses (CHEM 103, CHEM 104, or CHEM 105, CHEM 106, and CHEM 109) required for physics major

- CHEM 213 Quantitative Analysis

---

**Admission Requirements**

Admission to Professional Education Programs (p. 508)

### Major Requirements

**Teaching (Code 210-003)**

Advisors: E. Hendrickson (Physics and Astronomy), L. Likkel (Physics and Astronomy), or A. Smith (Mathematics).

Sixty semester credits including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Major or Minor</th>
<th>Semester Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
</tbody>
</table>
Area 3:
- GEOL 110: Physical Geology
- or GEOL 115: Environmental Geology
- GEOG 104: The Physical Environment
- PHYS 226: Astronomy-Solar System

Plus one course from:
- GEOL 102: Oceanography
- GEOL 301: Earth Resources
- GEOL 308: Water Resources
- GEOL 418: Earth History
- PHYS 229: Astronomy-Stars and Galaxies

B. Eight credits in each of the two areas not selected in A above:

Area 1:
- BIOL 151: Biology of Humans
- BIOL 214: Human Anatomy and Physiology I
- BIOL 221: Foundations of Biology I

Area 2:
Ten credits in chemistry courses (CHEM 103, CHEM 104, or CHEM 105, CHEM 106, and CHEM 109) required for physics major

Area 3:
- GEOL 110: Physical Geology
- or GEOL 115: Environmental Geology
- GEOG 104: The Physical Environment
- PHYS 226: Astronomy-Solar System
- PHYS 229: Astronomy-Stars and Galaxies

Pre-Professional Health Science, Minor

Liberal Arts (Code 709-400)

For advising, contact one of the pre-professional advisors listed with the pre-professional program of interest or contact the Biology Department for a referral.

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an advisor listed with the pre-professional program of interest. This minor may not be appropriate preparation for some graduate-level health profession programs.

Twenty-four credits are required from courses outside of the major department. At least eleven credits must be from courses numbered 300 or higher.

Core:
- BIOL 221: Foundations of Biology I
- BIOL 222: Foundations of Biology II
- BIOL 223: Foundations of Biological Inquiry
- CHEM 104: General Chemistry II
- or
- CHEM 109: General Chemistry II with Lab
- or
- CHEM 115: Chemical Principles
- CHEM 325: Organic Chemistry I with Laboratory
- CHEM 326: Organic Chemistry II with Laboratory
- PHYS 212: General Physics
- or PHYS 232: University Physics II

Select one of the following:
- ENGL 312: Science Writing
- ENGL 313: Technical Writing
- ENGL 314: Cultural Rhetorics
- ENGL 315: Visual Rhetorics of Science, Technology, and Culture

Remaining credits are to be chosen from the following courses outside of one's major:
- BIOL 214 & BIOL 314: Human Anatomy and Physiology I and Human Anatomy and Physiology II
- BIOL 323: Genetics
- BIOL 361: Biology of Microorganisms
- CHEM 213: Quantitative Analysis
- CHEM 352: Fundamentals of Biochemistry
- ECON 280: Health Economics
- ENPH 110: Introduction to Environmental Health
- IDIS 301: Exploring Mind/Body Connections
- MATH 114: Calculus I
- MATH 246: Elementary Statistics
- NRSG 211: Wellness: Food for Fitness
- NRSG 212: Navigating Health Care
- NRSG 213: Body, Mind, Spirit Wellness
- NRSG 220: The Language of Health Care
- NRSG 265: Women's Health Issues
- NRSG 377: International Dimensions of Health Care
- NRSG 385: Men's Health Issues
- NRSG 389: Cross Cultural Health
- PHIL 306: Ethics of Health Care
- PSYC 230: Human Development

1 No credit for BIOL 214 unless BIOL 314 is taken.

Public Health, Minor

Liberal Arts (Code 488-401)

Advisors: K. Hansen (Management and Marketing), M. Kantor (Institute for Health Sciences), C. Pierce (Watershed Institute), L. Suppes (Watershed Institute).

Public health is an interdisciplinary field that takes a population-based approach to improving the health and well-being of people and communities by preventing disease, disability and death across populations. This field draws on the natural, quantitative, social, and behavioral sciences to study the distribution and determinants of human health and disease, and to develop interventions to preserve and promote health and well-being.
Because public health is such a broad interdisciplinary field it has wide appeal and utility. The public health minor is a natural complement to any of the health profession majors (athletic training, behavior analysis, communication sciences and disorders, environmental public health, health care administration, kinesiology, nursing, and social work). The minor augments the pre-professional curriculum of students preparing for post-baccalaureate health professions programs in chiropractic care, dentistry, medicine, occupational therapy, optometry, pharmacy, physical therapy, and veterinary medicine. In addition, the public health minor benefits those wishing to incorporate a better understanding of health in their chosen field, including majors not thought of as traditional health sciences. These majors include, but are not limited to, communication, economics, geography, journalism, management, mathematics (statistics and actuarial sciences), philosophy, political science, psychology, religious studies, and sociology.

The required core courses (9 credits) will expose students to the essential elements of public health. The elective courses (15 credits) will allow students either to align their public health minor to their major or to explore and investigate potential new areas of interest within public health.

**Required core courses (9 credits):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENPH 115</td>
<td>Global Environmental and Public Health</td>
<td>3</td>
</tr>
<tr>
<td>ENPH 150</td>
<td>Disease Detectives: Epidemics and Data</td>
<td>3</td>
</tr>
<tr>
<td>or ENPH 450</td>
<td>Epidemiology</td>
<td></td>
</tr>
</tbody>
</table>

*ENPH 450 may count in either the core or elective category, but not both.*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENPH/NRSG 225</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective courses (15 credits):**

No more than six credits from any one domain and no more than six credits from any one prefix. At least nine elective credits must be at the 300-level or above.

**Administration/Policy**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 310</td>
<td>Sustainable Cities</td>
</tr>
<tr>
<td>ENV 330</td>
<td>Waste &amp; Society: Energy, Food, and Efficiency</td>
</tr>
<tr>
<td>ENV/GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
</tr>
<tr>
<td>ENV/GEOG 378</td>
<td>International Environmental Problems and Policy</td>
</tr>
<tr>
<td>HCAD 201</td>
<td>Overview of the U.S. Health Care System: A Policy Perspective</td>
</tr>
<tr>
<td>HCAD 302</td>
<td>Leadership and Management Practices in Health Services</td>
</tr>
<tr>
<td>NRSG 212</td>
<td>Navigating Health Care</td>
</tr>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
</tr>
<tr>
<td>POLS 343</td>
<td>Public Administration</td>
</tr>
<tr>
<td>SW 100</td>
<td>Introduction to Social Welfare</td>
</tr>
</tbody>
</table>

**Aging/Gerontology**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCAD 222</td>
<td>Multidisciplinary Perspectives on Aging</td>
</tr>
<tr>
<td>PSYC 333</td>
<td>Psychology of Adulthood and Aging</td>
</tr>
<tr>
<td>SOC 364</td>
<td>Social Gerontology</td>
</tr>
<tr>
<td>SW 315</td>
<td>Aging and the Aged</td>
</tr>
<tr>
<td>SW/NRSG 360</td>
<td>Death and Bereavement</td>
</tr>
</tbody>
</table>

**Biomedical/Health Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 250</td>
<td>Microbiology</td>
</tr>
<tr>
<td>BIOL 306</td>
<td>Infectious Disease Ecology</td>
</tr>
<tr>
<td>BIOL 371</td>
<td>Medical Mycology</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>IDIS 301</td>
<td>Exploring Mind/Body Connections</td>
</tr>
<tr>
<td>or NRSG 213</td>
<td>Body, Mind, Spirit Wellness</td>
</tr>
<tr>
<td>KINS 335</td>
<td>Introduction to School Health Education and Current Health Issues</td>
</tr>
<tr>
<td>KINS 450</td>
<td>Applied Nutrition in Kinesiology</td>
</tr>
<tr>
<td>NRSG 205</td>
<td>Integrating Knowledge for Improving Health</td>
</tr>
<tr>
<td>NRSG 211</td>
<td>Wellness: Food for Fitness</td>
</tr>
<tr>
<td>NRSG 385</td>
<td>Men's Health Issues</td>
</tr>
<tr>
<td>SW 424</td>
<td>Alcohol and Other Drug Abuse</td>
</tr>
<tr>
<td>SW 489</td>
<td>Social Work in Mental Health Settings</td>
</tr>
</tbody>
</table>

**Communications**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 201</td>
<td>Introduction to Interpersonal Communication</td>
</tr>
<tr>
<td>CJ 203</td>
<td>Fundamentals of Human Communication</td>
</tr>
<tr>
<td>CJ 452</td>
<td>Health Communication</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
</tr>
<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
</tr>
<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
</tr>
<tr>
<td>NRSG 220</td>
<td>The Language of Health Care</td>
</tr>
</tbody>
</table>

**Environmental/Occupational Health**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 127</td>
<td>Chemistry and Climate</td>
</tr>
<tr>
<td>ENPH 110</td>
<td>Introduction to Environmental Health</td>
</tr>
<tr>
<td>ENPH 441</td>
<td>Water and Wastewater</td>
</tr>
<tr>
<td>ENPH 443</td>
<td>Microbial Safety of Food</td>
</tr>
<tr>
<td>ENPH 445</td>
<td>Hazardous and Solid Waste Management</td>
</tr>
<tr>
<td>ENPH 464</td>
<td>Occupational Safety Management</td>
</tr>
<tr>
<td>ENPH 476</td>
<td>Vector-Borne Disease Control</td>
</tr>
<tr>
<td>ENPH 490</td>
<td>Environmental Toxicology and Risk Assessment</td>
</tr>
<tr>
<td>ENV 140</td>
<td>Water Problems, Water Solutions</td>
</tr>
<tr>
<td>GEOG 178</td>
<td>Conservation of the Environment</td>
</tr>
<tr>
<td>GEOG 361</td>
<td>Environmental Hazards</td>
</tr>
<tr>
<td>SOC 301</td>
<td>Environmental Sociology</td>
</tr>
</tbody>
</table>

**Quantitative/Research Methods**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 383</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>ECON 316</td>
<td>Econometrics</td>
</tr>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>MATH 345</td>
<td>Introduction to Probability and Mathematical Statistics</td>
</tr>
<tr>
<td>MATH 346</td>
<td>Introduction to Probability</td>
</tr>
<tr>
<td>MATH 347</td>
<td>Mathematical Statistics</td>
</tr>
<tr>
<td>MATH 445</td>
<td>Survey Sampling</td>
</tr>
</tbody>
</table>
MATH 447  Nonparametric Statistics
PSYC 265  Methods of Research in Psychology
SOC 328  Sociological Data Analysis
SW 323  Methods of Social Work Research

Social Sciences/Humanities

ANTH/AIS 161  Introduction to Cultural Anthropology
ECON 268  Environmental Economics
ECON 280  Health Economics
ECON 366  Behavioral Economics
ENPH 450  Epidemiology (if not taken as a core course)
GEOG 111  Human Geography
GEOG 369  Geography of Food
NRSG 389  Cross Cultural Health
PHIL 120  Ethical Reasoning
PHIL 306  Ethics of Health Care
PHIL 320  Environmental Ethics
PSYC 353  Health Psychology
RELS 290  Sacred Earth: Religion and Nature
SOC 310  Principles of Demography

In addition, with the advisor’s consent, other courses may be allowed to count as an elective when the topic is appropriate.

Total Credits 24

Responsible Mining, Certificate
(Code 160-602)

Advisor: K. Syverson (Geology).

The Department of Geology administers a Responsible Mining certificate. This certificate is intended for STEM majors who wish to add valuable skills to their already marketable liberal arts degree from UW-Eau Claire. Students with this certificate will be well prepared for a career in responsible resource development through proper selection and permitting of economic deposits, managing environmental compliance, conducting environmental remediation, and working for environmental and hydrogeologic consulting firms. Students would also be prepared to join state regulatory agencies such as the DNR and protect the environment through enforcing regulations, restoring brownfields, and managing water resources.

18 credits required

Environmental Policy and Geology core (7 crs):

ENV/GEOG 377  U.S. Environmental and Sustainability Policy
GEOL 365  Economic Mineral Deposits
GEOL 452  Responsible Mining Seminar

Quantitative Core (choose one):

MATH 246  Elementary Statistics
MATH 345  Introduction to Probability and Mathematical Statistics

Environmental Courses (choose one):

BIOL 338  Vegetation Ecology
GEOL 416  Hydrogeology II

Communication Skills (3 crs):

CJ 203  Fundamentals of Human Communication

An internship in mining, environmental consulting, or a regulatory agency is strongly recommended, but not required.

Note: Students cannot pursue the Geology major and the Responsible Mining certificate to meet graduation requirements for completing a first and second degree program.

Social Studies, Broadfield
Teaching Economics Emphasis, Comprehensive Major

Teaching (Code 500-018)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 40
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Certain programs exceed this minimum.

See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.
WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major or minor</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Two-Year College Credits</th>
<th>Total KINS 100-184</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td></td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>maximum 12 credits</td>
<td>maximum 4 credits</td>
<td>no maximum</td>
<td>maximum 32 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
<td></td>
<td>maximum 12 credits</td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/">http://catalog.uwec.edu/undergraduate/attribute-ddiv/</a> #header13)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
</table>

### Service-Learning Goal

<table>
<thead>
<tr>
<th>Learning Goal</th>
<th>Service-Learning Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal Education Core</td>
<td>Reflection and Action-Outcome (<a href="http://catalog.uwec.edu/undergraduate/attribute-sa/">http://catalog.uwec.edu/undergraduate/attribute-sa/</a> #header13)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385 Social Foundations: Human Relations (included in major)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312 General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317 Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318 Teacher Assisting</td>
</tr>
<tr>
<td>ES 328 Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385 Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470 Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446 Internship Teaching in Middle Level Education or ES 475 Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 490 Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497 Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300 Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 319, ENGL 419</td>
</tr>
<tr>
<td>ES 360 (F)</td>
</tr>
<tr>
<td>ES 357</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETS 5038</td>
</tr>
<tr>
<td>ETS 5435</td>
</tr>
<tr>
<td>ETS 5061</td>
</tr>
</tbody>
</table>
### Physical Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

### Physics-Mathematics

<table>
<thead>
<tr>
<th>Emphasis</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F)BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td></td>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F)BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

### Social Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

### Majors

**Code**

- **Biology**: 080-205
- **Chemistry**: 100-204
- **Economics**: 360-204
- **English**: 540-210
- **History**: 380-206
- **Mathematics**: 180-207
- **Physics**: 230-205
- **Political Science**: 420-203

**Prescribed Methods Course**

- **Biology**: ES 360 (F)
- **Chemistry**: ES 360 (F)
- **Economics**: ES 356
- **English**: ENGL 319, ENGL 419
- **History**: ES 356
- **Mathematics**: ES 357
- **Physics**: ES 360 (F)
- **Political Science**: ES 356

**Additional Requirements**

- **Biology**: BIOL 180 or GEOG 178
- **Chemistry**: BIOL 180 or GEOG 178
- **Economics**: ECON 103, BIOL 180 or GEOG 178
- **English**: ETS 5038
- **History**: ECON 103, BIOL 180 or GEOG 178
- **Mathematics**: ETS 5161
- **Physics**: ETS 5435
- **Political Science**: ETS 5081

**Praxis II or ACTFL Content Test Required**

- **Biology**: ETS 5435
- **Chemistry**: ETS 5435
- **Economics**: ETS 5081
- **English**: ETS 5038
- **History**: ETS 5161
- **Mathematics**: ETS 5435
- **Physics**: ETS 5435
- **Political Science**: ETS 5081

### Admission Requirements

**Admission to Professional Education Programs (p. 508)**

**Major Requirements**

**Teaching (Code 500-018)**

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).

Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses **OR** through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

**For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts**, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.
Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Economics

Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department

2. Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 285</td>
<td>Integrating the Social Sciences: The Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 321</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 325</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 379</td>
<td>Geography of Wisconsin</td>
<td>3</td>
</tr>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
<td>3</td>
</tr>
<tr>
<td>or POLS 122</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>or HIST/AIS 240</td>
<td>Survey of the Criminal Justice System</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

For advising, see an advisor in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Economics/History Emphasis, Comprehensive Major

Teaching (Code 500-023)

University Requirements

Graduation Requirements for Baccalaureate Degree

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

\[1\] Certain programs exceed this minimum.

\[2\] See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the
quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major or minor</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major or minor</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Goal</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Responsibility Goal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integration Goal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl">http://catalog.uwec.edu/undergraduate/attribute-sl</a>)</td>
<td>30 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

- **Satisfactory/Unsatisfactory**
  - Total degree credit: maximum 12
  - Major, Standard: maximum 1 course
  - Major, Comprehensive: maximum 2 courses
  - Total degree credit: maximum ¼ of total

- **Two-Year College Credits**
  - Total degree credit: maximum 72 credits

- **Activity credit (band, chorus, drama, KINS 100-184)**
  - Total KINS 100-184: maximum 1 credit
  - Total Band, chorus, drama: maximum 12 credits
  - Single course band, chorus, drama: maximum 4 credits

- **Extension credits**
  - UW-System: no maximum
  - Other extension/ correspondence: maximum ¼ of total

- **USAFI**
  - USAFI: maximum 32 credits

**Knowledge Goal**

- Knowledge Outcome 1 (K1): Natural Sciences
  - Two (2) learning experiences
- Knowledge Outcome 2 (K2): Social Sciences
  - Two (2) learning experiences
- Knowledge Outcome 3 (K3): Humanities
  - Two (2) learning experiences
- Knowledge Outcome 4 (K4): Fine Arts
  - One (1) learning experience

**Skills Goal**

- Skills Outcome 1 (S1): Written and Oral Communication
  - Two (2) learning experiences
- Skills Outcome 2 (S2): Mathematics
  - One (1) learning experience
- Skills Outcome 3 (S3): Creativity
  - One (1) learning experience

**Responsibility Goal**

- Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
  - Two (2) learning experiences
- Responsibility Outcome 2 (R2): Global Perspectives
  - One (1) learning experience
- Responsibility Outcome 3 (R3): Civic and Environmental Issues
  - One (1) learning experience

**Integration Goal**

- Integration Outcome 1 (I1): Integration
  - Two (2) learning experiences

**Service-Learning Goal**

- Service-Learning: 30 hours
College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385 Social Foundations: Human Relations (included in major)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
</tr>
<tr>
<td>Physical Science 1</td>
<td>240-004</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
</tr>
<tr>
<td>Physics - Mathematics 1</td>
<td></td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
</tbody>
</table>

1. Substitution of another approved major is possible.
### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>KINS 492</td>
<td>no add'l exam</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>ES 366 (F) in language</td>
<td>Study abroad WPT and OPI or OPIc</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geography</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>ES 366 (F)</td>
<td>Study abroad in language WPT and OPI or OPIc</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>History</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>ES 357</td>
<td></td>
<td>ETS 5146</td>
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<tr>
<td>Mathematics</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
</tbody>
</table>

### Additional Requirements

- **Teaching English to Speakers of Other Languages (TESOL)**
  - Code: 550-408
  - Prerequisites: ES 405 (F) 1 yr college level foreign language
  - Required: No additional exams

1. Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

### Admission Requirements

#### Major Requirements

**Teaching (Code 500-023)**

- Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).
- Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

**Sixty semester credits, including:**

- **History Concentration**
  - HIST 114 United States History to 1877

---

**Physics**

- Code: 230-043
- Prerequisites: ES 360 (F) BIOL 180 or GEOG 178

**Political Science**

- Code: 420-043
- Prerequisites: ES 356 ECON 103, BIOL 180 or GEOG 178

**Sociology**

- Code: 480-044
- Prerequisites: ES 356 ECON 103, BIOL 180 or GEOG 178
HIST 124 World History to 1500 3
HIST 125 World History Since 1500 3
HIST 288 Introduction to Research Methods and the Profession 3

Select from the following:
HIST 115 United States History Since 1877
HIST/WGSS 205 American Women's History
HIST 210 African American History 1865 to Present
HIST/AIS 240 American Indian History

At least 9 additional credits in History at the 300 or 400 level, with one course from United States history and one course from non-U.S. History.

1. A 24-credit concentration in Economics

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department.

2. Required Courses

IDIS 285 Integrating the Social Sciences: The Social Studies 3
POLS 110 American National Politics 3

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321 Money and Banking 3
GEOG 111 Human Geography 3
GEOG 325 Geography of the United States and Canada 3
GEOG 379 Geography of Wisconsin 3
POLS 122 Introduction to World Politics 3
POLS 260 Introduction to Comparative Politics 3
POLS 301 State and Local Politics 3
POLS 305 Survey of U.S. Constitutional Principles 3
SOC 101 Introduction to Sociology 3
SOC 164 Family and Intimate Relationships 3
SOC 242 Contemporary Social Problems 3
SOC 312 Race and Ethnicity in the U.S. 3
SOC/WGSS 202 Sociology of Gender 3
CRMJ 103 Survey of the Criminal Justice System 3

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Geography Emphasis, Comprehensive Major

Teaching (Code 500-019)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-certification emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

After initial advising, students will then be assigned two advisors, one in the Department of History and one in the other subject in which they elect to complete 24 credits.
WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1</td>
<td>maximum 2</td>
<td>maximum ¼ of total</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>no maximum</td>
<td>maximum 32 credits</td>
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<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
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<td></td>
<td></td>
<td></td>
<td>maximum 12 credits</td>
<td>Other extension/correspondence maximum ¼ of total</td>
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</tbody>
</table>

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
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</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
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</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv-r1">http://catalog.uwec.edu/undergraduate/attribute-ddiv-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv)#header13">http://catalog.uwec.edu/undergraduate/attribute-ddiv)#header13</a></td>
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<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td></td>
</tr>
</tbody>
</table>

**Integration Goal**

| Integration Goal | Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |

**Service-Learning Goal**
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>12</td>
</tr>
<tr>
<td>ES 470</td>
<td>and Student Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
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<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
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<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
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<tr>
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<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
</tbody>
</table>

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2</td>
<td>(Social Sciences)</td>
</tr>
<tr>
<td>PSYC 260</td>
<td>Educational Psychology</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>S3</td>
<td>(Creativity)</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
</tr>
<tr>
<td>R1</td>
<td>(Equity, Diversity, Inclusivity)</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>I1</td>
<td>(Integration)</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004</td>
</tr>
<tr>
<td>------------------</td>
<td>--------</td>
</tr>
</tbody>
</table>

Physics- Mathematics

<table>
<thead>
<tr>
<th>Physics Emphasis</th>
<th>210-003</th>
<th>ES 357 (Sp) and ES 360 (F)</th>
<th>BIOL 180 or GEOG 178</th>
</tr>
</thead>
</table>

Mathematics Emphasis

<table>
<thead>
<tr>
<th>Mathematics Emphasis</th>
<th>210-004</th>
<th>ES 357 (Sp) and ES 360 (F)</th>
<th>BIOL 180 or GEOG 178</th>
</tr>
</thead>
</table>

Social Studies

<table>
<thead>
<tr>
<th>Social Studies</th>
<th>500-XXX</th>
<th>ES 356</th>
<th>ECON 103, BIOL 180 or GEOG 178</th>
<th>ETS 5081</th>
</tr>
</thead>
</table>

### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
</table>

**Biology**

| 080-205 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Chemistry**

| 100-204 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Economics**

| 360-204 | ES 356 | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

**English**

| 540-210 | ENGL 319, ENGL 419 | ETS 5038 |

**History**

| 380-206 | ES 356 | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

**Mathematics**

| 180-207 | ES 357 | ETS 5161 |

**Physics**

| 230-205 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Political Science**

| 420-203 | ES 356 | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
</table>

**Biology**

| 080-403 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Chemistry**

| 100-406 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Coaching**

| 971-403 | KINS 492 | no add'l exam |

**Economics**

| 360-404 | ES 356 | BIOL 180 or GEOG 178 | ETS 5081 |

**English**

| 540-408 | ENGL 319, ENGL 419 | ETS 5038 |

**French**

| 260-404 | ES 366 (F) in language | Study abroad | WPT and OPI or OPIc |

**Geography**

| 140-413 | ES 356 | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

**Geology**

| 160-402 | ES 360 (F) | Study abroad in language | WPT and OPI or OPIc |

**German**

| 280-404 | ES 366 (F) | Study abroad in language | WPT and OPI or OPIc |

### History

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
</table>

**History**

| 380-404 | ES 356 (SP) | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

**Learning Disabilities**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
</table>

**Mathematics**

| 180-407 | ES 357 | BIOL 180 or GEOG 178 | ETS 5161 |

**Physics**

| 230-403 | ES 360 (F) | BIOL 180 or GEOG 178 | ETS 5435 |

**Political Science**

| 420-403 | ES 356 | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

### Admission Requirements

**Teaching (Code 500-019)**

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).

Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses **OR** through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

**For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts**, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.
Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Geography
   - GEOG 104 The Physical Environment 4
   - GEOG 111 Human Geography 3
   - GEOG 178 Conservation of the Environment 3
   - GEOG 200 Foundations of Geography 3
   - GEOG 335 Geographic Information Systems I 3
   - GEOG 370 Quantitative Methods in Geography 3
   - GEOG 401 Capstone Seminar 3
   **Total: 36 credits**

   Five courses selected from the following:
   - Two courses from Regional Geography Approach
   - Three courses from two of the remaining Advanced Geography Approaches

2. Required Courses
   - IDIS 285 Integrating the Social Sciences: The Social Studies 3
   - POLS 110 American National Politics 3
   - POLS 301 State and Local Politics 3

   Select one of the following:
   - ECON 103 Principles of Microeconomics 3
   - ECON 104 Principles of Macroeconomics 3
   - ECON 201 Introduction to Political Economy 3

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

   The remaining credits will be chosen from the following (if not included in the concentration):
   - ECON 321 Money and Banking 3
   - GEOG 111 Human Geography 3
   - GEOG 325 Geography of the United States and Canada 3
   - GEOG 379 Geography of Wisconsin 3
   - HIST 114 United States History to 1877 3
   - HIST 115 United States History Since 1877 3
   - HIST 124 World History to 1500 3
   - HIST 125 World History Since 1500 3
   - HIST 210 African American History 1865 to Present 3
   - or HIST/AIS 240 American Indian History 3
   - POLS 122 Introduction to World Politics 3
   - POLS 260 Introduction to Comparative Politics 3
   - POLS 305 Survey of U.S. Constitutional Principles 3
   - SOC 101 Introduction to Sociology 3
   - SOC 164 Family and Intimate Relationships 3
   - SOC 242 Contemporary Social Problems 3
   - SOC 312 Race and Ethnicity in the U.S. 3
   - SOC/WGSS 202 Sociology of Gender 3
   - CRMJ 103 Survey of the Criminal Justice System 3

   **Total: 36 credits**

   **Note:** In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

For advising, see an advisor in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

---

**Social Studies, Broadfield Teaching Geography/History Emphasis, Comprehensive Major**

**Teaching (Code 500-024)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

1. Obtain admission to the degree program and/or the College offering it.
2. Apply for graduation on CampS.

 certain programs exceed this minimum.

---

1. See special requirements in each College.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Credit by Examination (course)</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
<td>maximum ¼ of total</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity credit</td>
<td>maximum 1 credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Goal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13) |                             |                             |
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  
30 hours

### College Degree Requirements

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

---

### Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
</table>

| R1 (Equity, Diversity, Inclusivity) | ES 385 Social Foundations: Human Relations (included in major) | 3 |

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### Teaching Licensure Requirements - EA-A Licensure

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446 &amp; ES 475</td>
<td>Internship Teaching in Middle Level Education and Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B
### Comprehensive Majors

| Code       | Prescribed Methods Course | Additional Requirement | Praxis II Content Test Required |
|------------|---------------------------|------------------------|---------------------------------
| ENGL 319, ENGL 419 |                                  |                        | ETS 5038                         |
| 160-015    | ES 360 (F)                |                        | ETS 5435                         |
| ES 357     | ES 360 (F)                |                        | ETS 5061                         |
| 240-004    | ES 360 (F)                | BIOL 180 or GEOG 178   | ETS 5435                         |
|            |                          |                        |                                  |
| 540-006    | ENGL 319, ENGL 419        |                        |                                  |
| 180-002    | ES 357                    |                        |                                  |
| 210-003    | ES 357 (Sp) and ES 360 (F)|                        |                                  |
| 210-004    | ES 357 (Sp) and ES 360 (F)|                        |                                  |
| 500-XXX    | ES 356                    | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

### Majors

| Code       | Prescribed Methods Course | Additional Requirements | Praxis II Content Test Required |
|------------|---------------------------|------------------------|---------------------------------
| 080-205    | ES 360 (F)                | BIOL 180 or GEOG 178   | ETS 5435                         |
| 100-204    | ES 360 (F)                | BIOL 180 or GEOG 178   | ETS 5435                         |
| 360-204    | ES 356                    | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |
| 540-210    | ENGL 319, ENGL 419        |                        |                                  |
| 380-206    | ES 356                    | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |
| 180-207    | ES 357                    |                        |                                  |
| 230-205    | ES 360 (F)                | BIOL 180 or GEOG 178   | ETS 5435                         |
| 420-203    | ES 356                    | ECON 103, BIOL 180 or GEOG 178 | ETS 5081 |

### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
</tbody>
</table>

### Admission Requirements

**Teaching (Code 500-024)**

- Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).
- Dual Concentration Advisor: L. Rice (History).

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This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

- Students will earn a minimum 3.0/4.0 GPA in content courses **OR** through obtaining a passing score on the appropriate Praxis II/ACTFL exam.
For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

**History Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 288</td>
<td>Introduction to Research Methods and the Profession</td>
<td>3</td>
</tr>
</tbody>
</table>

Select from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
<td></td>
</tr>
<tr>
<td>HIST/WGSS 205</td>
<td>American Women's History</td>
<td></td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
<td></td>
</tr>
<tr>
<td>HIST/AIS 240</td>
<td>American Indian History</td>
<td></td>
</tr>
</tbody>
</table>

At least 9 additional credits in History at 300 or 400 level, with one course from United States History and one course from non-U.S. History \(^1\)

1. **A 24-credit concentration in Geography**

   Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. **Required Courses**

   IDIS 285 Integrating the Social Sciences: The Social Studies

   POLS 110 American National Politics

   Select one of the following:

   ECON 103 Principles of Microeconomics

   & ECON 104 Principles of Macroeconomics

   ECON 201 Introduction to Political Economy (if not included in the concentration)

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas

   The remaining credits will be chosen from the following (if not included in the concentration):

   ECON 321 Money and Banking

   GEOG 111 Human Geography

   GEOG 325 Geography of the United States and Canada

   GEOG 379 Geography of Wisconsin

   POLS 122 Introduction to World Politics

   POLS 260 Introduction to Comparative Politics

   POLS 301 State and Local Politics

   POLS 305 Survey of U.S. Constitutional Principles

   SOC 101 Introduction to Sociology

   SOC 164 Family and Intimate Relationships

   SOC 242 Contemporary Social Problems

SOC 312 Race and Ethnicity in the U.S. 3

SOC/WGSS 202 Sociology of Gender 3

CRMJ 103 Survey of the Criminal Justice System 3

\(^1\) See History Department for course listings. (p. 295)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

NOTE 2: In category 3, students with a Geography concentration will choose only from among ECON 321; POLS 301, POLS 305; or SOC 312.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

After initial advising, students will then be assigned two advisors, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

**Social Studies, Broadfield Teaching History Emphasis, Comprehensive Major**

Teaching (Code 500-020)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements**

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements**

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
### Undergraduate Catalog

#### Certificate
- 25 percent of credits

#### Procedures Required for Graduation
1. Obtain admission to the degree program and/or the College offering it.
2. Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

### Applicability of Credits Toward Graduation

#### Junior College or Two-Year College Credits
- A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

#### Extension Credits
- Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

#### WTCS Credits
- A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard ([link](https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL)) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

#### USAFI Credit
- UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

#### Activity Credit (band, chorus, drama, KINS 100-184 courses)
- Students may count toward graduation no more than one credit of KINS 110-184 courses.
- Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

#### Other Restricted Credits
- For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### Liberal Education Core Requirements
- A minimum of 36 credits

##### Knowledge Goal
- Knowledge Outcome 1 (K1): Natural Sciences ([link](http://catalog.uwec.edu/undergraduate/attribute-k1))
  - Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.

- Knowledge Outcome 2 (K2): Social Sciences ([link](http://catalog.uwec.edu/undergraduate/attribute-k2))
  - Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.

- Knowledge Outcome 3 (K3): Humanities ([link](http://catalog.uwec.edu/undergraduate/attribute-k3))
  - Two (2) learning experiences

- Knowledge Outcome 4 (K4): Fine Arts ([link](http://catalog.uwec.edu/undergraduate/attribute-k4))
  - One (1) learning experience

##### Skills Goal
- Skills Outcome 1 (S1): Written and Oral Communication ([link](http://catalog.uwec.edu/undergraduate/attribute-S1))
  - Two (2) learning experiences
  - One S1 must meet the University Writing Requirement (p. 49)

- Skills Outcome 2 (S2): Mathematics ([link](http://catalog.uwec.edu/undergraduate/attribute-S2))
  - One (1) learning experience
  - One S2 to meet the University Mathematics Requirement (p. 50)
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  
One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  
Two (2) learning experiences  
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  
30 hours

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385 Social Foundations: Human Relations (included in major)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>ES 497 Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.

   Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>12</td>
</tr>
<tr>
<td>&amp; ES 470</td>
<td>and Student Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
</tbody>
</table>

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)
### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

### Comprehensive Majors

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015†</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004†</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics</td>
<td></td>
<td></td>
<td></td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Physics Emphasis</td>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics Emphasis</td>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

### Majors

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology†</td>
<td>080-205</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry†</td>
<td>100-204</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics†</td>
<td>230-205</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

### Minors

<table>
<thead>
<tr>
<th>Minor</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td></td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

### Admission Requirements

**Admission to Professional Education Programs (p. 508)**

**Major Requirements**

**Teaching (Code 500-020)**

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).

Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion...
social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in History

Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department

2. Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 285</td>
<td>Integrating the Social Sciences: The Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Codes</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103 &amp; ECON 104</td>
<td>Principles of Microeconomics and Principles of Macroeconomics</td>
<td>6</td>
</tr>
</tbody>
</table>

ECON 201 Introduction to Political Economy 3

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 321</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 325</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 379</td>
<td>Geography of Wisconsin</td>
<td>3</td>
</tr>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
<td>3</td>
</tr>
</tbody>
</table>

or HIST/AIS 240 American Indian History 3

POLS 122 Introduction to World Politics 3

POLS 260 Introduction to Comparative Politics 3

POLS 305 Survey of U.S. Constitutional Principles 3

SOC 101 Introduction to Sociology 3

SOC 164 Family and Intimate Relationships 3

SOC 242 Contemporary Social Problems 3

SOC 312 Race and Ethnicity in the U.S. 3

SOC/WGSS 202 Sociology of Gender 3

CRMJ 103 Survey of the Criminal Justice System 3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

For advising, see an advisor in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Political Science Emphasis, Comprehensive Major

Teaching (Code 500-021)

University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
<th>Total Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements (p. 50)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
<td></td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

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Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total KINS 100-184</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Extension credits</th>
<th>USAFI</th>
<th>Liberal Education Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 1 credit</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td></td>
<td>No maximum</td>
<td>Maximum 32 credits</td>
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<tr>
<td>Maximum ¼ of total</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td></td>
<td>Maximum ¼ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum ½ of total</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td></td>
<td>Maximum ¼ of total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

USAFI Credits

Total USAFI maximum 32 credits

Applicability

USAFI maximum 32 credits

Major or minor maximum ½ of total

Two-Year College Credits

Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)

Total degree credit maximum 72 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

LIBERAL EDUCATION CORE REQUIREMENTS

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

- a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

1. Certain programs exceed this minimum.
2. See special requirements in each College.
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure
Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B
## Comprehensive Majors

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015$^1$</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science$^1$</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics$^1$</td>
<td></td>
<td></td>
<td></td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Physics Emphasis</td>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Mathematics Emphasis</td>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

## Majors

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology$^1$</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry$^1$</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
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<tr>
<td>Physics$^1$</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
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</table>

## Minors

<table>
<thead>
<tr>
<th>Minors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td></td>
<td>no add'l exam</td>
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<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
</tbody>
</table>

## Admission Requirements

Admission to Professional Education Programs (p. 508)

## Major Requirements

### Teaching (Code 500-021)

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).

Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

---

1. Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.
For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Political Science
2. Required Courses
3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

- ECON 321 Money and Banking
- GEOG 111 Human Geography
- GEOG 325 Geography of the United States and Canada
- GEOG 379 Geography of Wisconsin
- HIST 114 United States History to 1877
- HIST 115 United States History Since 1877
- HIST 124 World History to 1500
- HIST 125 World History Since 1500
- HIST 210 African American History 1865 to Present
- or HIST/AIS 240 American Indian History
- POLS 122 Introduction to World Politics
- POLS 260 Introduction to Comparative Politics
- POLS 305 Survey of U.S. Constitutional Principles
- SOC 101 Introduction to Sociology
- SOC 164 Family and Intimate Relationships
- SOC 242 Contemporary Social Problems
- SOC 312 Race and Ethnicity in the U.S.
- SOC/WGSS 202 Sociology of Gender
- CRMJ 103 Survey of the Criminal Justice System

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

For advising, see an advisor in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Political Science/History Emphasis, Comprehensive Major

Teaching (Code 500-025)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
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</tr>
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</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

Total: 2.00 average

Resident: 2.00 average

Major: 2.00 average

Minor: 2.00 average

Certificate: 2.00 average

University Residency Requirements (p. 50)

Minimum total: 30

Senior year: 23

Major, Standard, upper division in residence: 12

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Certificate: 25 percent of credits

Procedures Required for Graduation

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>no maximum</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum ¼ of total</td>
<td></td>
<td>total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other extension/correspondence maximum ¼ of total

USAFI USAFI maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
</tr>
</tbody>
</table>

Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
</tr>
</tbody>
</table>
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385</th>
<th>Social Foundations: Human Relations (included in major)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
</tr>
</thead>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A
Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>ES 212</th>
<th>Initial Teaching Experience in Elementary, Middle, and High School Settings</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

 Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>ES 445 &amp; ES 470</th>
<th>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>or ES 446 &amp; ES 475</td>
<td>Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education</td>
<td></td>
</tr>
</tbody>
</table>

| ES 490 | Historical, Legal, and Philosophical Foundations of Education                       | 3 |
| ES 497 | Field Experience Seminar                                                            | 2 |
| SPED 300 | Inclusive Practices for Secondary Educators                                         | 2 |

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
</tbody>
</table>
### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>ES 360 (F)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>KINS 492</td>
<td></td>
<td>no add'l exam</td>
</tr>
<tr>
<td>Economics</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>ES 366 (F) in language</td>
<td>Study abroad</td>
<td>WPT and OPI or OPIC</td>
</tr>
<tr>
<td>Geography</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Broadfield Science Major

- **Admission Requirements**: Admission to Professional Education Programs (p. 508)
- **Major Requirements**
  - **Teaching (Code 500-025)**
    - Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).
    - Dual Concentration Advisor: L. Rice (History).
  - The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.
  - This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.
  - Teacher Education Candidates shall demonstrate content area proficiency through one of the following:
    - Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.
    - For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.
Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

**Sixty semester credits, including:**

**History Concentration**
- HIST 114 United States History to 1877 3
- HIST 124 World History to 1500 3
- HIST 125 World History Since 1500 3
- HIST 288 Introduction to Research Methods and the Profession 3

**Select one of the following:**
- HIST 115 United States History Since 1877
- HIST/WGSS 205 American Women’s History
- HIST 210 African American History 1865 to Present
- HIST/AIS 240 American Indian History

At least 9 additional credits in History at 300 or 400 level, with one course from United States History and one course from non-U.S. History.

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

After initial advising, students will then be assigned two advisors, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

**Social Studies, Broadfield Teaching Sociology Emphasis, Comprehensive Major**

**Teaching (Code 500-022)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

**Academic Concentrations (p. 50)**

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Procedures Required for Graduation</th>
<th>25 percent of credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Obtain admission to the degree program and/or the College offering it.**

Apply for graduation on Camp5.
Certain programs exceed this minimum.

See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit maximum 12</th>
<th>Total Band, chorus, drama maximum 12 credits</th>
<th>Single course band, chorus, drama maximum 4 credits</th>
<th>Extension credits no maximum</th>
<th>USAFI maximum 32 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge Goal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
</tr>
<tr>
<td><strong>Skills Goal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
</tr>
<tr>
<td><strong>Responsibility Goal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Skills Goal</th>
<th>Responsibility Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

K2 (Social Sciences)
PSYC 260 Educational Psychology 3
AND another learning experience

S3 (Creativity)
ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)
ES 385 Social Foundations: Human Relations (included in major) 3
AND another learning experience

I1 (Integration)
ES 497 Field Experience Seminar (included in major) 2
AND another learning experience

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course Code(s)</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course Code(s)</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
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<tr>
<td>or ES 446 or ES 475</td>
<td>Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education</td>
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<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
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<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
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Approved Majors and Minors for Option B
### Comprehensive Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science 160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics 180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
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<tr>
<td>Physical Science 240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics 210-003</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Physics Emphasis 210-004</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics Emphasis 210-004</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Social Studies 500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry 100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics 360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English 540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History 380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics 180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
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<tr>
<td>Physics 230-005</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science 420-003</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
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</thead>
<tbody>
<tr>
<td>Biology 080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<td>Chemistry 100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
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</tr>
<tr>
<td>Coaching 971-403</td>
<td>KINS 492</td>
<td>no add'l exam</td>
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<tr>
<td>Economics 360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
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<tr>
<td>English 540-408</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
</tr>
<tr>
<td>French 260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad</td>
<td>WPT and OPI or OPIc</td>
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<tr>
<td>Geography 140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Geology 160-402</td>
<td>ES 360 (F)</td>
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<td>ETS 5435</td>
</tr>
<tr>
<td>German 280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>History 380-404</td>
<td>ES 356 (Sp)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Learning Disabilities 950-471</td>
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<td>ETS 5146</td>
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<tr>
<td>Mathematics 180-407</td>
<td>ES 357</td>
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<td>ETS 5161</td>
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<td>Physics 230-003</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science 420-003</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Sociology 480-404</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Spanish 320-405</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
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<td>Teaching English to Speakers of Other Languages (TESOL) 550-408</td>
<td>ES 405 (F)</td>
<td>1 yr college level foreign language</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

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### Admission Requirements

Admission to Professional Education Programs (p. 508)

### Major Requirements

#### Teaching (Code 500-022)

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology). Dual Concentration Advisor: L. Rice (History).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

- Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.
For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Sociology, including 18 credits in upper division courses:

   SOC 101 Introduction to Sociology 3
   SOC 242 Contemporary Social Problems 3
   SOC 312 Race and Ethnicity in the U.S. 3
   or SOC 164 Family and Intimate Relationships 3
   SOC 316 Sociology of Family 3
   SOC 328 Sociological Data Analysis 3
   SOC 330 Sociological Theory 3
   SOC 332 Sociological Research Methods 4
   SOC 490 Sociology Capstone 3
   Twelve credits of Sociology Electives 12

2. Required Courses

   IDIS 285 Integrating the Social Sciences: The Social Studies 3
   POLS 110 American National Politics 3
   POLS 301 State and Local Politics 3

   Select one of the following:

   ECON 103 Principles of Microeconomics 3
   & ECON 104 Principles of Macroeconomics 3
   ECON 201 Introduction to Political Economy 3

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

   The remaining credits will be chosen from the following (if not included in the concentration):

   ECON 321 Money and Banking 3
   GEOG 111 Human Geography 3
   GEOG 325 Geography of the United States and Canada 3
   GEOG 379 Geography of Wisconsin 3
   HIST 114 United States History to 1877 3
   HIST 115 United States History Since 1877 3
   HIST 124 World History to 1500 3
   HIST 125 World History Since 1500 3
   HIST 210 African American History 1865 to Present 3
   or HIST/AIDS 240 American Indian History 3
   POLS 122 Introduction to World Politics 3
   POLS 260 Introduction to Comparative Politics 3
   POLS 305 Survey of U.S. Constitutional Principles 3
   SOC 101 Introduction to Sociology 3
   SOC 164 Family and Intimate Relationships 3
   SOC 242 Contemporary Social Problems 3

SOC 312 Race and Ethnicity in the U.S. 3
SOC/WGSS 202 Sociology of Gender 3
CRMJ 103 Survey of the Criminal Justice System 3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

For advising, see an advisor in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Sociology/History Emphasis, Comprehensive Major

Teaching (Code 500-026)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
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<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
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<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
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</table>

University Residency Requirements (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>a minimum of 36 credits</th>
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<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) | One (1) learning experience |
| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) | One (1) learning experience |

Responsibility Goal

| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) | Two (2) learning experiences |
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.
   Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure
Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
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</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
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</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
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<td>ES 446 or ES 475</td>
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<td>ES 490</td>
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<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
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<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
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Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>PSYC 260</td>
<td>Educational Psychology</td>
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AND another learning experience

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<th>S3 (Creativity)</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
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Approved Majors and Minors for Option B
Comprehensive Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Majors</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
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<tbody>
<tr>
<td>540-006</td>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
</tr>
<tr>
<td>160-015</td>
<td>Earth and Space Science</td>
<td>ES 360 (F)</td>
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<td>ETS 5435</td>
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<td>180-002</td>
<td>Mathematics</td>
<td>ES 357</td>
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<td>ETS 5061</td>
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<td>240-004</td>
<td>Physical Science</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<tr>
<td>210-003</td>
<td>Physics- Mathematics</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
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<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
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<td>210-004</td>
<td>Mathematics Emphasis</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
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<td>500-XXX</td>
<td>Social Studies</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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Majors

<table>
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<tr>
<th>Code</th>
<th>Majors</th>
<th>Prescribed Methods Course</th>
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</thead>
<tbody>
<tr>
<td>080-205</td>
<td>Biology</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<td>100-204</td>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<td>360-204</td>
<td>Economics</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<td>540-210</td>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
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<tr>
<td>380-206</td>
<td>History</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<td>180-207</td>
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<td>ETS 5161</td>
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<tr>
<td>230-205</td>
<td>Physics</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<tr>
<td>420-203</td>
<td>Political Science</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
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Minors

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<th>Code</th>
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<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
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<tbody>
<tr>
<td>080-403</td>
<td>Biology</td>
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<td>BIOL 180 or GEOG 178</td>
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<td>100-406</td>
<td>Chemistry</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>971-403</td>
<td>Coaching</td>
<td>KINS 492</td>
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<td>no add'tl exam</td>
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<tr>
<td>360-404</td>
<td>Economics</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>540-408</td>
<td>English</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
</tbody>
</table>

French 260-404 ES 366 (F) Study abroad in language ETS 5081
Geography 140-413 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081
Geology 160-402 ES 360 (F) Study abroad in language WPT and OPI or OPIc
German 280-404 ES 366 (F) Study abroad in language WPT and OPI or OPIc
History 380-404 ES 356 (SP) ECON 103, BIOL 180 or GEOG 178 ETS 5081

Learning Disabilities

<table>
<thead>
<tr>
<th>Code</th>
<th>Majors</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>180-407</td>
<td>Mathematics</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>230-403</td>
<td>Physics</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>420-403</td>
<td>Political Science</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>480-404</td>
<td>Sociology</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>320-405</td>
<td>Spanish</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
</tbody>
</table>

Teaching English to Speakers of Other Languages (TESOL)

<table>
<thead>
<tr>
<th>Code</th>
<th>Majors</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>550-408</td>
<td>Teaching English to Speakers of Other Languages (TESOL)</td>
<td>ES 405 (F)</td>
<td>1 yr college level foreign language</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 508)

Major Requirements

Teaching (Code 500-026)

Single Concentration Advisors: W. Carroll (Economics), E. Zeitler (Geography), L. Rice (History), R. Freitag (Political Science), or P. Forman (Sociology).
Dual Concentration Advisor: L. Rice (History)

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.
For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

History Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 288</td>
<td>Introduction to Research Methods and the Profession</td>
<td>3</td>
</tr>
</tbody>
</table>

Select from the following:

- HIST 115 United States History Since 1877
- HIST/WGSS 205 American Women's History
- HIST 210 African American History 1865 to Present
- HIST/AIS 240 American Indian History

At least 9 additional credits in History at 300 or 400 level, with one course from United States History and one course from non-U.S. History

1. A 24-credit concentration in Sociology

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 285</td>
<td>Integrating the Social Sciences: The Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- ECON 103 Principles of Microeconomics
- & ECON 104 Principles of Macroeconomics
- ECON 201 Introduction to Political Economy

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

- ECON 321 Money and Banking
- GEOG 111 Human Geography
- GEOG 325 Geography of the United States and Canada
- GEOG 379 Geography of Wisconsin
- POLS 122 Introduction to World Politics
- POLS 260 Introduction to Comparative Politics
- POLS 301 State and Local Politics
- POLS 305 Survey of U.S. Constitutional Principles
- SOC 101 Introduction to Sociology
- SOC 164 Family and Intimate Relationships
- SOC 242 Contemporary Social Problems

Social Studies, Minor - Teaching

Middle Childhood/Early Adolescence (Code 500-403)

The Social Studies minor is designed to give Middle Childhood/Early Adolescence majors who have a strong interest in the social sciences the opportunity to pursue a broader array of courses than is possible in meeting the Liberal Education requirements.

For advising, contact the Education Studies Department.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 285</td>
<td>Integrating the Social Sciences: The Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 115</td>
<td>United States History Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- PSYC 100 Introduction to Psychology
- PSYC 245 Social Psychology
- SOC 321 The Individual in Society

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

1  See History Department for course listings. (p. 295)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) shall demonstrate content area proficiency in that subject.

After initial advising, students will then be assigned two advisors, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must demonstrate content proficiency through GPA requirements or the Praxis II social studies exam. If the minor is outside of social studies, students will need to demonstrate content proficiency through GPA requirements or the Praxis II content exam in the minor.
SOC 101  Introduction to Sociology 3

Total Credits 24

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Social Studies in Middle Childhood through Early Adolescence classrooms.

Teaching English as a Foreign Language, Certificate
(Code 550-601)

Advisor: K. Kong (Languages)

The Teaching English as a Foreign Language (TEFL) Certificate is a minimum of 14 credits of course work designed to provide the basics for future EFL teachers including a required teaching experience by taking FLG 375.

Required courses (minimum of 14 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
<td>2</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
<tr>
<td>ES 405</td>
<td>Teaching English to Speakers of Other Languages</td>
<td>3</td>
</tr>
<tr>
<td>FLG 375</td>
<td>Internship Experience (or fulfill the requirement via an approved alternative credit-based experience)</td>
<td>3-6</td>
</tr>
</tbody>
</table>

Note: Courses cannot be counted in both the major and the certificate program.

Teaching of English to Speakers of Other Languages, Minor - EA-A

Early Adolescence/Adolescence (Code 550-408)

Advisor: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
<td>3</td>
</tr>
<tr>
<td>ES 405</td>
<td>Teaching English to Speakers of Other Languages</td>
<td>3</td>
</tr>
<tr>
<td>ES 408</td>
<td>Methods of Teaching Content-Based ESL</td>
<td>4</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
<td>2</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Two courses from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td></td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td></td>
</tr>
</tbody>
</table>

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B, and leads to licensure in TESOL in Early Adolescence through Adolescence classrooms.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL advisor.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Teaching of English to Speakers of Other Languages, Minor - EC-A

Early Childhood/Adolescence (Code 550-410)

Advisor: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
<td>3</td>
</tr>
<tr>
<td>ES 405</td>
<td>Teaching English to Speakers of Other Languages</td>
<td>3</td>
</tr>
<tr>
<td>ES 408</td>
<td>Methods of Teaching Content-Based ESL</td>
<td>4</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
<td>2</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Two courses from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td></td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td></td>
</tr>
<tr>
<td>CSD 257</td>
<td>Normal Communication Development</td>
<td></td>
</tr>
<tr>
<td>FLG 365</td>
<td>Special Topics in Teaching English to Speakers of Other Languages</td>
<td></td>
</tr>
</tbody>
</table>

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C, and leads to licensure in TESOL in Early Childhood through Adolescence classrooms when combined with a major in a foreign language at the EC-A level.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL advisor.
composition class. The student will select classes in consultation with the TESOL advisor.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Teaching of English to Speakers of Other Languages, Minor - MC-EA

Middle Childhood/Early Adolescence (Code 550-409)

Advisor: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
<td>3</td>
</tr>
<tr>
<td>ES 405</td>
<td>Teaching English to Speakers of Other Languages</td>
<td>3</td>
</tr>
<tr>
<td>ES 408</td>
<td>Methods of Teaching Content-Based ESL</td>
<td>4</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
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</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Two courses from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td></td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td></td>
</tr>
<tr>
<td>CSD 257</td>
<td>Normal Communication Development</td>
<td></td>
</tr>
<tr>
<td>FLG 365</td>
<td>Special Topics in Teaching English to Speakers of Other Languages</td>
<td></td>
</tr>
</tbody>
</table>

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A, and leads to licensure in TESOL in Middle Childhood through Early Adolescence classrooms.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL advisor.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Topical Minor, Minor

Liberal Arts (Code 610-401)

A Topical Minor is an interdisciplinary minor composed of 24 semester credits selected by a student to meet the student’s own interests and scholarly objectives. Students should choose courses for the minor based on a coherent theme. Most students who propose a topical minor do so after earning 30 credits but before earning 90 credits. Students must meet all prerequisite course work requirements and other prior eligibility benchmarks, such as achieving an appropriate grade point average. In the case of courses offered in one of the professional colleges, students must meet college admission requirements or students must obtain written permission from the College before enrollment is possible. A Topical Minor is not intended to duplicate any major or minor offered as a regular program within the University of Wisconsin System.

The student who wishes to develop a Topical Minor must adhere to the following requirements.

- **Interdisciplinary Breadth Requirement:** A Topical Minor consists of 24 credits. There must be at least two course prefixes present among these credits and no more than 15 credits from any single prefix.
- **Unique Credit Requirement 1:** A student may not apply a course that counts toward credits in their major to the Topical Minor.
- **Unique Credit Requirement 2:** No more than six credits from a student’s major prefix may be used in the Topical Minor.
- **Depth Requirement:** At least 12 of the 24 credits must be from courses numbered 300 or above.
- **College Home:** For a Topical Minor to reside in the College of Arts and Sciences, prefixes from at least 15 of the 24 credits must be from the College of Arts and Sciences.
- **Submission Requirement:** To propose a Topical Minor, a student should work with a faculty advisor and then launch a proposal to be routed through the advisor, and then to the College of Arts and Sciences for approval.

### Transnational Asian Studies, Certificate

(Code 380-630)

The Transnational Asian Studies Certificate allows students to broadly explore Asia and the Asian diaspora and to gain knowledge of the experiences of people of Asian ancestry.

Minimum of 15 credits from at least three course prefixes selected from the following list, of which at least two courses must be at the 300-400 level:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Hmong and America</td>
</tr>
<tr>
<td>HIST 384</td>
<td>The Vietnam War</td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
</tr>
<tr>
<td>HMNG 130</td>
<td>Hmong American Experiences in the U.S.</td>
</tr>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
</tr>
<tr>
<td>POLS 329</td>
<td>Political Violence</td>
</tr>
<tr>
<td>RELS 312</td>
<td>Buddhism: Past and Present</td>
</tr>
<tr>
<td>RELS 313</td>
<td>Tibetan Buddhism</td>
</tr>
<tr>
<td>RELS 314</td>
<td>Hinduism</td>
</tr>
<tr>
<td>RELS 323</td>
<td>Chinese and Japanese Religions</td>
</tr>
<tr>
<td>SOC 304</td>
<td>Sociology of the Middle East</td>
</tr>
<tr>
<td>SOC 312</td>
<td>Race and Ethnicity in the U.S.</td>
</tr>
<tr>
<td>SOC 366</td>
<td>Society in Contemporary China</td>
</tr>
</tbody>
</table>

Up to 4 credits from Asian language courses:
CHIN 101 | Beginning Chinese
CHIN 102 | Beginning Chinese
CHIN 201 | Intermediate Chinese
CHIN 202 | Intermediate Chinese
HMNG 101 | Beginning Hmong I
HMNG 102 | Beginning Hmong II
JAPN 101 | Beginning Japanese I
JAPN 102 | Beginning Japanese II
JAPN 201 | Intermediate Japanese I
JAPN 202 | Intermediate Japanese II

Up to 3 credits from travel abroad courses:
INTB 361 | International Experience in India
INTB 362 | International Experience in China

Note 1: With advisor consent, courses such as the following may be applied to this certificate program when a substantial portion of the course covers Asian or Asian American topics: ENGL 230, ENGL 268, ENGL 330, ENGL 368, ENGL 396, WGSS 396, FLG 150, FLTR 392, HIST 317, HIST 319, IDIS 302, RELS 100, SOC 301, Honors courses, Special Topics courses.

Note 2: A maximum of three credits may be applied to both the student’s major and the certificate program.

For advising, see the History Department.

**Water Resources, Certificate**

*(Code 160-601)*

Advisor: K. Syverson (Geology).

The Department of Geology administers a **Water Resources certificate**. This certificate is intended for students who plan to enroll in a Master’s degree program in Water Resource Management, students interested in careers in environmental policy or environmental law, and any STEM and Geography majors interested in broadening their understanding of water-related topics. Holistic water resources management integrates insights from a wide range of disciplines. The flexibility of this certificate allows individuals to tailor their course selection to focus on the aspects of water resources that are most relevant to each student’s specific interests.

**Minimum of 15 credits required:**

<table>
<thead>
<tr>
<th>Core (9-10 crs):</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV/GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
</tr>
<tr>
<td>GEOL 308</td>
<td>Water Resources</td>
</tr>
<tr>
<td>One course selected from:</td>
<td>3-4</td>
</tr>
<tr>
<td>CHEM 304</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>BIOL 376</td>
<td>Aquatic Ecology</td>
</tr>
<tr>
<td>GEOG 363</td>
<td>Watershed Analysis</td>
</tr>
<tr>
<td>GEOG 364</td>
<td>Fluvial Processes and Landforms</td>
</tr>
<tr>
<td>GEOL 315</td>
<td>Hydrogeology I</td>
</tr>
</tbody>
</table>

Beyond the core 9-10 credits, students must take two courses from the following broad array of water-related courses.

Courses, if not used above, may be selected from:

| BIOL 338 | Vegetation Ecology |
| BIOL 376 | Aquatic Ecology |
| CHEM 304 | Environmental Chemistry |

**World History and Society: Past, Present, Future, Certificate**

*(Code 380-629)*

This certificate will provide a second program for students interested in world history and connected topics in other disciplines.

**Required:**

| HIST 124 | World History to 1500 | 3 |
| HIST 125 | World History Since 1500 | 3 |

Choose 2 from the following, at least one must have a prefix other than HIST: 6

| ECON/WGSS 357 | Women and Economic Development |
| GEOL 122 | The Future of Global Energy |
| HIST 292 | Origins of Current World Conflicts |
| HIST 366 | History of Middle East Since Muhammad |
| POLS 122 | Introduction to World Politics |
| POLS 336 | Arab-Israeli Conflict |
| RELS 100 | Introduction to the Religions of the World |
| RELS/WGSS 203 | Women and World Religions |

Note: Courses cannot be counted in both the major and the certificate program.

For advising, contact the History Department.

**American Indian Studies**

Hibbald Humanities Hall 384
715-836-6045
Program Website [https://www.uwec.edu/academics/college-arts-sciences/departments-programs/american-indian-studies](https://www.uwec.edu/academics/college-arts-sciences/departments-programs/american-indian-studies)

The American Indian Studies Program at the University of Wisconsin-Eau Claire is committed to the study of the cultures, values, history, and contemporary
life of the Indigenous nations and peoples of North America. Through courses from selected academic departments and interactions with American Indian professionals, elders, and peers, all students will acquire intercultural knowledge and enhance their intercultural competence. The program administers a major, minor, and certificate in American Indian Studies with these goals:

- To prepare students with intercultural competencies which will support their success as citizens of the world.
- To extend students' oral and written communication skills through research projects in their course work and with student-faculty research collaborations.
- To envision education and community as a partnership in which all participants work toward greater understanding and respect for the richness and diversity of American Indian cultures.
- To build and support cooperative relationships with tribal communities within and around Wisconsin; other academic institutions, especially tribal colleges; and the local Eau Claire community.
- To teach students to be conversant with Indigenous protocols.
- To prepare students to work effectively in and around tribal and urban communities.
- To provide outreach and community service opportunities that will help promote the cultural, educational, and economic development of the region.

**Faculty**
Debra K.S. Barker, Program Director
Heather Ann Moody

** Majors**
- Major: American Indian Studies, Liberal Arts - B.A./B.S. (p. 135)

** Minors**
- Minor: American Indian Studies, Liberal Arts (p. 138)

**Certificates**
- Certificate: American Indian Studies (p. 135)

** American Indian Studies, Certificate**
(Code 530-601)

The American Indian Studies certificate is a stand-alone credential, which can enhance all students' majors and minors. It is designed for students with an interest in American Indian Studies, but are unable to complete a major or minor in American Indian Studies. The certificate is of particular value to health care professionals; educators; social workers; and business managers and administrators in tribal enterprises. In addition to personal growth in cultural competency, this certificate will provide students from all backgrounds with the fundamental knowledge and skills for various career paths that connect with Indigenous or diverse populations.

Eighteen semester credits, six credits must be 300-level or higher, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 101</td>
<td>Introduction to American Indian History and Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>

Remaining credits selected from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 111</td>
<td>Studies in American Indian Languages I</td>
</tr>
<tr>
<td>AIS 112</td>
<td>Studies in American Indian Languages II</td>
</tr>
<tr>
<td>AIS/ENGL 142</td>
<td>Introduction to American Indian Literatures</td>
</tr>
<tr>
<td>AIS/ANTH 161</td>
<td>Introduction to Cultural Anthropology</td>
</tr>
<tr>
<td>AIS/HIST 240</td>
<td>American Indian History</td>
</tr>
<tr>
<td>AIS/ENGL 242</td>
<td>The American Indian in Literature and Film</td>
</tr>
<tr>
<td>AIS/POLS 250</td>
<td>American Indian Politics</td>
</tr>
<tr>
<td>AIS 260</td>
<td>Chippewa Reserved Treaty Rights</td>
</tr>
<tr>
<td>AIS 291</td>
<td>Special Topics</td>
</tr>
<tr>
<td>AIS 301</td>
<td></td>
</tr>
<tr>
<td>AIS/GEOG 322</td>
<td>Native Geographies</td>
</tr>
<tr>
<td>AIS/RELS 330</td>
<td>Indigenous Religions of the Americas</td>
</tr>
<tr>
<td>AIS/ARTH 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
</tr>
<tr>
<td>AIS/ARTH 337</td>
<td>Art of Tawantinsuyo</td>
</tr>
<tr>
<td>AIS 343</td>
<td>Contemporary American Indian Communities</td>
</tr>
<tr>
<td>AIS/ENGL 345</td>
<td>American Indian Autobiography</td>
</tr>
<tr>
<td>AIS/ENGL 346</td>
<td>Major Works in American Indian Literature</td>
</tr>
<tr>
<td>AIS/HIST 368</td>
<td>Studies in American Indian History</td>
</tr>
<tr>
<td>AIS/HIST 369</td>
<td>Wisconsin Indian History</td>
</tr>
<tr>
<td>AIS 395</td>
<td>Directed Studies</td>
</tr>
<tr>
<td>AIS 444</td>
<td>Indigenous Theory and Methodologies</td>
</tr>
<tr>
<td>AIS 497</td>
<td></td>
</tr>
<tr>
<td>AIS 498</td>
<td>Internship</td>
</tr>
<tr>
<td>AIS 499</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

Note: A maximum of six credits may be applied to both the student’s major and the certificate program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 102</td>
<td>Introduction to American Indian Expressive Cultures</td>
</tr>
<tr>
<td>AIS 243</td>
<td>Introduction to Contemporary American Indian Communities</td>
</tr>
</tbody>
</table>

1 Course in development

** American Indian Studies, Major**

Liberal Arts (Code 530-201)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

- Minimum total for graduation 120
- Upper division credits (courses numbered 300 and higher) 39
- Liberal Education Core (p. 46) 36

**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)** 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

**Residency Requirements** (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

**Procedures Required for Graduation**
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard [link](https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USA FI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

**Knowledge Goal**

| Knowledge Outcome 1 (K1): Natural Sciences [link](http://catalog.uwec.edu/undergraduate/attribute-k1) | Two (2) learning experiences |
| Knowledge Outcome 2 (K2): Social Sciences [link](http://catalog.uwec.edu/undergraduate/attribute-k2) | Two (2) learning experiences |
| Knowledge Outcome 3 (K3): Humanities [link](http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |
| Knowledge Outcome 4 (K4): Fine Arts [link](http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |
Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 112 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 530-201)**

This interdisciplinary major is designed to offer a range of courses to meet the career goals and needs of students:

1. who wish to enter a profession related to tribal affairs, tribal heritage centers, and business enterprises;
2. who have decided to pursue graduate study in Anthropology, History, Museum Studies, English, and Casino Management;
3. who are American Indian and seek to learn more about their culture and heritage; and
4. who are drawn to the major because of its broad interdisciplinary education.

In addition, the major, minor, and certificate in American Indian Studies are designed to complement degree programs in Nursing, Education, Business, Social Work, English, and History, among other areas.

Thirty-six semester credits in American Indian Studies courses, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 101</td>
<td>Introduction to American Indian History and Cultures</td>
<td>3</td>
</tr>
<tr>
<td>AIS 102</td>
<td>Introduction to American Indian Expressive Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>
### American Indian Studies, Minor

**Liberal Arts (Code 530-401)**

The minor, like the major and certificate, is designed to provide both American Indian and non-Indian students with a broad understanding of the distinctive lifeways, politics, and histories of a number of tribal nations. Students will also learn about the philosophical and religious systems, the art, and literatures developed by past and contemporary American Indian tribes and individuals.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 101</td>
<td>Introduction to American Indian History and Cultures</td>
<td>3</td>
</tr>
<tr>
<td>AIS 102</td>
<td>Introduction to American Indian Expressive Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>

Remaining credits selected from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 111</td>
<td>Studies in American Indian Languages I</td>
<td></td>
</tr>
<tr>
<td>or AIS/LANG 121</td>
<td>Beginning Ojibwe I</td>
<td></td>
</tr>
<tr>
<td>AIS 112</td>
<td>Studies in American Indian Languages II</td>
<td></td>
</tr>
<tr>
<td>or AIS/LANG 122</td>
<td>Beginning Ojibwe II</td>
<td></td>
</tr>
<tr>
<td>AIS/ENGL 142</td>
<td>Introduction to American Indian Literatures</td>
<td></td>
</tr>
<tr>
<td>AIS/ANTH 161</td>
<td>Introduction to Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>AIS/HIST 240</td>
<td>American Indian History</td>
<td></td>
</tr>
<tr>
<td>AIS/ENGL 242</td>
<td>The American Indian in Literature and Film</td>
<td></td>
</tr>
<tr>
<td>AIS 243</td>
<td>Introduction to Contemporary American Indian Communities</td>
<td></td>
</tr>
<tr>
<td>AIS/POLS 250</td>
<td>American Indian Politics</td>
<td></td>
</tr>
<tr>
<td>AIS 291</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>AIS/GEOG 322</td>
<td>Native Geographies</td>
<td></td>
</tr>
<tr>
<td>AIS/ARTH 324</td>
<td>Survey of North American Indian Art</td>
<td></td>
</tr>
<tr>
<td>AIS/RELS 330</td>
<td>Indigenous Religions of the Americas</td>
<td></td>
</tr>
<tr>
<td>AIS/ARTH 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
<td></td>
</tr>
<tr>
<td>AIS/ARTH 337</td>
<td>Art of Tawantinsuyo</td>
<td></td>
</tr>
<tr>
<td>AIS/ENGL 345</td>
<td>American Indian Autobiography</td>
<td></td>
</tr>
<tr>
<td>AIS/ENGL 346</td>
<td>Major Works in American Indian Literature</td>
<td></td>
</tr>
<tr>
<td>AIS/HIST 368</td>
<td>Studies in American Indian History</td>
<td></td>
</tr>
<tr>
<td>AIS/HIST 369</td>
<td>Wisconsin Indian History</td>
<td></td>
</tr>
<tr>
<td>AIS 395</td>
<td>Directed Studies</td>
<td></td>
</tr>
<tr>
<td>AIS 399</td>
<td>Independent Study</td>
<td></td>
</tr>
<tr>
<td>AIS 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>AIS 498</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>AIS 499</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

Seminars and special topics courses dealing with American Indians will also be given consideration for credit.

### Art & Design

**Haas Fine Arts 104**  
715-836-3277

Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/art-design)

### Honor Societies and Student Organizations

- ASA, Art Student Association (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/art-design/explore-opportunities/student-organizations) - Art & Design students developing and organizing artistic activities and events.
- NOTA, None of the Above (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/art-design/explore-opportunities/student-organizations) - Students create campus art and literary activities.
Programs

The Department of Art & Design offers a flourishing community of students and faculty engaged in the positive development of a visually stimulated world, including collaboration on local projects. We are dedicated to delivering creative and innovative experiences by promoting practice in foundation skills and historical knowledge. Students are encouraged to thrive in self-motivated programs where degrees can be focused in emphasis areas detailed below.

Majors have a variety of degrees to choose from including a 36-credit Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Art, a 60-credit B.A. or B.S. in Art, or a 75-credit Bachelor of Fine Arts (B.F.A.) in Art. Those seeking the 75-credit B.F.A., a nationally recognized degree with high standards for excellence, must apply for a B.F.A. Review around the second year in major. Additional information can be found under B.F.A. Requirements.

Emphasis Areas

Art & Design degrees are not titled in the Art major. Emphasis areas intended for the Art degrees focus on a specialization relevant to a student’s graduate studies or career goals. The following emphasis areas are offered for majors and minors in Art:

- Ceramics
- Digital Media (B.F.A. only)
- Drawing & Painting
- Graphic Communications (60-credit only)
- Graphic Design
- Illustration (B.F.A. only)
- Photography
- Printmaking
- Sculpture
- Studio Art

B.F.A. Requirements

Full guidelines regarding B.F.A. Requirements are provided by the Art & Design Department each semester.

The Bachelor of Fine Arts is the degree students enroll in for the most immersive studio experience to prepare for graduate studies or a career. After enrollment in the B.F.A. program, students will apply around their second year in major to participate in a B.F.A. Review. They will be required to present a portfolio of their creative work for the Review, which has been developed and maintained from the beginning of their studies. This central and essential tool is used by instructors to help advise and guide students in their development. It will eventually be a means for the students to present themselves to the art and design world as they continue to utilize it during their coursework. Once accepted to continue the program after the Review, students will complete the B.F.A. degree plan and are expected to participate in a Senior Exhibition.

Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned advisor to determine their position within the program and what requirements they will need to meet.

Students who wish to earn Comprehensive Teaching licensure in addition to the B.F.A. degree must complete additional credits in education, psychology, and communication as well as ART 244, ART 249, ART 357, and a three-dimensional art elective from ART 358, ART 364, ART 365, ART 366, ART 458, or a pre-approved course.

Advising and Additional Information

Advising

Art & Design maintains annual degree plans and check sheets with suggested four-year course sequences for each major and minor. These materials are available in the Art & Design Office and on the Department’s Blugold Insider page. Students are responsible for working closely with their advisors to develop personal action plans. They are encouraged to use the degree plans and check sheets for these meetings.

Additional Information

NOTE 1: A student may take a maximum of nine credits of advanced studio courses in one semester. Some advanced studio courses are offered on a variable credit basis and may be repeated for additional credit. The total number of advanced studio credits which may be applied to a degree program will vary and is to be determined through consultation with the major advisor.

NOTE 2: Students must be prepared to pay for any materials, supplies, equipment, and/or services deemed in excess of the amount and kind the University provides for necessary instructional purposes.

Faculty

Karen O’Day, Chair
Li-Ying Bao
Wanrudee Buranakorn
Ned Gannon
Jyl Kelley
Hyungjoo Kim
Cedar Marie
Susan O’Brien
Jil Olm
Christos Theo
Suzanne Truman

Majors

- Major: Art, Studio Emphasis, Liberal Arts - B.A./B.S. (p. 166)
- Comprehensive Major: Art, Liberal Arts, Graphic Communications Emphasis - B.A./B.S. (p. 152)
- Comprehensive Major: Art, Liberal Arts, Studio Art Emphasis - B.A./B.S. (p. 155)
- Comprehensive Major: Art - B.F.A. | Choose an emphasis area:
  - Ceramics (p. 140)
  - Digital Media (p. 142)
  - Drawing & Painting (p. 145)
  - Graphic Design (p. 147)
  - Illustration (p. 150)
  - Photography (p. 158)
  - Printmaking (p. 161)
  - Sculpture (p. 163)

Minors

- Minor: Art, Liberal Arts (p. 157)
- Minor: Art History, Liberal Arts (p. 140)

Certificates

- Certificate: Arts Administration (p. 369)
Art History, Minor

Liberal Arts (Code 030-401)

Twenty-four semester credits, including:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 105</td>
<td>Introduction to the Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 389</td>
<td>Methodologies of Art History</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives in Art History**

15

**NOTES:**

1. Students pursuing the Minor: Art History and Major: Art, Studio Emphasis can overlap a maximum of 12 credits between major and minor programs.

2. Art History minors must complete at least one of the following travel experiences:
   - A) UWEC-approved International Study program;
   - B) at least one of the department’s national field trips;
   - C) at least one of the department’s regional field trips.

Art, Ceramics, Comprehensive Major

(Code 020-011)

University Requirements

**Graduation Requirements for Baccalaureate Degree**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

| Minimum total                             | 30          |
| Senior year                               | 23          |
| Major, Standard, upper division in residence | 12          |
| Major, Comprehensive, upper division in residence | 21          |
| Certificate                                | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following:

Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>total degree credit maximum ¼ of</td>
</tr>
<tr>
<td>Major or minor</td>
<td>total degree credit maximum ½ of</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>total degree credit maximum 72</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>total degree credit maximum 72</td>
</tr>
</tbody>
</table>

1. Certain programs exceed this minimum.
2. See special requirements in each College.
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

| Knowledge Goal | Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) | Two (2) learning experiences |
|----------------|------------------------------------------------------------------------------------------------|--|---|
| Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) | Two (2) learning experiences |
| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |
| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |

| Skills Goal | Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |
|-------------|------------------------------------------------------------------------------------------------|--|---|
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) | One (1) learning experience |
| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) | One (1) learning experience |

| Responsibility Goal | Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) | Two (2) learning experiences |
|---------------------|------------------------------------------------------------------------------------------------|--|---|
| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) | One (1) learning experiences |
| Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) | One (1) learning experiences |

| Integration Goal | Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |
|------------------|------------------------------------------------------------------------------------------------|--|---|
| Service-Learning Goal | Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) | 30 hours |

**College Degree Requirements**

**Bachelor of Fine Arts**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)**

Fulfilment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work; foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-)
or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**  
(Code 020-011)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Ceramics. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Ceramics Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

<table>
<thead>
<tr>
<th>Department Requirements</th>
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<tbody>
<tr>
<td><strong>Foundation Courses:</strong></td>
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</tr>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
</tr>
<tr>
<td><strong>Art History Requirement:</strong></td>
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<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
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</table>

<table>
<thead>
<tr>
<th>Area Requirements</th>
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</thead>
<tbody>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
</tr>
<tr>
<td>ART 358</td>
<td>Intermediate Ceramics</td>
</tr>
<tr>
<td>ART 458</td>
<td>Advanced Ceramics ¹</td>
</tr>
<tr>
<td>ART 405</td>
<td>Advanced Three-Dimensional Studio ²</td>
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</table>

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<tr>
<th>Area Support Options, Choose Four:</th>
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<tbody>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
</tr>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
</tr>
<tr>
<td>ART 344</td>
<td>Painting: Space and Process</td>
</tr>
<tr>
<td>ART 364</td>
<td>Intermediate Sculpture</td>
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<tr>
<td>ART 365</td>
<td>Site-Specific Sculpture</td>
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<td>ART 402</td>
<td>Advanced Studio Practice</td>
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<th>Electives in Art (ART) or Art History (ARTH)</th>
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</thead>
<tbody>
<tr>
<td>Electives in Art History (ARTH): ARTH 333 and ARTH 335 recommended</td>
<td>6</td>
</tr>
</tbody>
</table>

¹ Foundations courses should be completed in the first year of study.  
² Repeat ART 458 and ART 405 for a total of six credits each.

**Additional B.F.A. Requirements**

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   A) UWEC-approved International Study program;
   B) at least one of the department’s national field trips;
   C) at least two of the department’s regional field trips.
3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

**Art, Digital Media, Comprehensive Major**  
(Code 020-023)

**University Requirements**

**Graduation Requirements for Baccalaureate Degree**

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<tr>
<th>Credit Requirements</th>
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<tr>
<td>Minimum total for graduation</td>
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<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td><strong>Academic Concentrations (p. 50)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements</strong> (p. 50)</td>
<td>²</td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.  
² See special requirements in each College.

**Applicability of Credits Toward Graduation**

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.
Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for USAFI Credit.

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

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<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total degree credit</th>
<th>Major or minor</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Extension credits</th>
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<tr>
<td></td>
<td>maximum 12</td>
<td>maximum 1</td>
<td>maximum 2</td>
<td>maximum ¼ of total</td>
<td>maximum ½ of total</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>maximum 12 credits</td>
<td></td>
<td>maximum 4</td>
<td>no maximum</td>
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Other extension/correspondence credit

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<tr>
<th>Credit Restrictions</th>
<th>USAFI Credit maximum 32 credits</th>
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Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

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Skills Goal

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<td>Skills Outcome 4 (S4): Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
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Responsibility Goal

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<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Foundations: Drawing and Illustration Editorials
Intermediate Sculpture
Introduction to Photography as an Art
Beginning Sculpture
Foundations: Three-Dimensional Art
Survey: Renaissance to 20th Century
Intermediate Drawing
3-D Computer Animation II
Survey: Ancient to Medieval Art
Survey: Renaissance to 20th Century Art

College Degree Requirements
Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

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Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements
(Code 020-023)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Digital Media. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Digital Media Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

Foundation Courses: 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

Art History Requirement:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
</tbody>
</table>

Area Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
<td>3</td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 478</td>
<td>3-D Computer Animation II</td>
<td>3</td>
</tr>
</tbody>
</table>

Area Support Options, Choose Four:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 247</td>
<td>Water-Media I</td>
<td></td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td></td>
</tr>
<tr>
<td>ART 341</td>
<td>Figure Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 342</td>
<td>Illustration Editorials</td>
<td></td>
</tr>
<tr>
<td>ART 344</td>
<td>Painting: Space and Process</td>
<td></td>
</tr>
<tr>
<td>ART 364</td>
<td>Intermediate Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 373</td>
<td>Motion Graphics</td>
<td></td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td></td>
</tr>
<tr>
<td>CS 322</td>
<td>Animation Programming</td>
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</table>

Electives in Art (ART) or Art History (ARTH)

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>18</td>
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</table>

Electives in Art History (ARTH)

<table>
<thead>
<tr>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

Total Credits

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
</tr>
</tbody>
</table>

1 Foundations courses should be completed in the first year of study.

Additional B.F.A. Requirements

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.

2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
A) UWEC-approved International Study program;
B) at least one of the department’s national field trips;
C) at least two of the department’s regional field trips.

3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes ofMajor, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

Art, Drawing and Painting, Comprehensive Major
(Code 020-022)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td></td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td></td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td></td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td></td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>University Residency Requirements (p. 50)</th>
<th>Minimum total</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Procedure Required for Graduation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain admission to the degree program</td>
<td></td>
</tr>
<tr>
<td>and/or the College offering it.</td>
<td></td>
</tr>
<tr>
<td>Apply for graduation on CampS.</td>
<td></td>
</tr>
</tbody>
</table>

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM,EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
<th>Restrictions</th>
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<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td></td>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td></td>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td></td>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td></td>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
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<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>30 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl/#header13">http://catalog.uwec.edu/undergraduate/attribute-sl/#header13</a>)</td>
<td>Three (3) learning experiences</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Fine Arts**

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**Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**

(Code 020-022)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Drawing & Painting. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Drawing & Painting
Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

**Department Requirements**

**Foundation Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

**Art History Requirement:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
</tbody>
</table>

**Area Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td>6</td>
</tr>
</tbody>
</table>

Nine credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART 340</td>
<td>Drawing: Conceptual Practices</td>
<td>3</td>
</tr>
<tr>
<td>ART 341</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 344</td>
<td>Painting: Space and Process</td>
<td>3</td>
</tr>
<tr>
<td>ART 347</td>
<td>Water-Media Process</td>
<td>3</td>
</tr>
<tr>
<td>ART 349</td>
<td>Painting: Conceptual and Aesthetic Strategies</td>
<td>3</td>
</tr>
<tr>
<td>ART 377</td>
<td>Digital Painting</td>
<td>3</td>
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</tbody>
</table>

**Area Support Options, Choose Four:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
<td>3</td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td>3</td>
</tr>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
<td>3</td>
</tr>
<tr>
<td>ART 348</td>
<td>Water-Media Themes</td>
<td>3</td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives in Art (ART) or Art History (ARTH): ARTH 333 Recommended**

18 credits from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives in Art (ART)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives in Art History (ARTH)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits**

75 credits

1. Foundations courses should be completed in the first year of study.
2. Repeat ART 402 for a total of six credits.

**Additional B.F.A. Requirements**

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.

2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   A) UWEC-approved International Study program;
   B) at least one of the department’s national field trips;
   C) at least two of the department’s regional field trips.

3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

**Art, Graphic Design, Comprehensive Major**

(Code 020-012)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Credit Requirement</th>
</tr>
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<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
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<tr>
<td>Resident</td>
<td>2.00 average</td>
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<tr>
<td>Major</td>
<td>2.00 average</td>
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<tr>
<td>Minor</td>
<td>2.00 average</td>
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<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
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</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Credits</th>
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</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
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<tr>
<td>Senior year</td>
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<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

**Applicability of Credits Toward Graduation**

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**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
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</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
<td>maximum ¼ of total</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>no maximum</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
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<td></td>
<td></td>
<td></td>
<td>maximum 12 credits</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1) learning experience</td>
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</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
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</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
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</tr>
<tr>
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<td>One (1) learning experience</td>
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</tr>
<tr>
<td>Responsibility Goal</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
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<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
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</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
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</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Integration Goal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

(Code 020-012)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Graphic Design. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Graphic Design

Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

Foundation Courses: 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
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</table>

Art History Requirement:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
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</tbody>
</table>

Area Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 274</td>
<td>Compositional Principles of Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
<td>3</td>
</tr>
<tr>
<td>ART 276</td>
<td>Introduction to Visual Identity Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 374</td>
<td>Visual Communication Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 375</td>
<td>Digital Design I: Website Development</td>
<td>3</td>
</tr>
<tr>
<td>ART 476</td>
<td>Advanced Graphic Communications</td>
<td>3</td>
</tr>
<tr>
<td>ART 477</td>
<td>Professional Practices: Graphic Communication</td>
<td>3</td>
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</tbody>
</table>

Area Support Options, Choose Four:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
</tr>
<tr>
<td>ART 247</td>
<td>Water-Media I</td>
</tr>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
</tr>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
</tr>
<tr>
<td>ART 342</td>
<td>Illustration Editorials</td>
</tr>
<tr>
<td>ART 376</td>
<td>Advanced Visual Identity Design</td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
</tr>
<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
</tr>
<tr>
<td>ART 474</td>
<td>Digital Design II: Multimedia Development</td>
</tr>
</tbody>
</table>

Art History Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ARTH 225</td>
<td>History of Graphic Design</td>
<td>3</td>
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</tbody>
</table>

Electives in Art (ART) or Art History (ARTH)

Electives in Art History (ARTH)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Credits</td>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

1 Foundations courses should be completed in the first year of study.

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Art, Illustration, Comprehensive Major

(Code 020-019)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
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</thead>
<tbody>
<tr>
<td>Total credits for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
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<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)  

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
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<td>21</td>
</tr>
</tbody>
</table>

Certificate

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Percentage of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate</td>
<td>25 percent</td>
</tr>
</tbody>
</table>

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- Apply for graduation on CampS.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
<tr>
<td>Credit by Examination</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
</tbody>
</table>
**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
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</table>

<table>
<thead>
<tr>
<th>Service-Learning Goal</th>
<th>30 hours</th>
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<tbody>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl/#header13">http://catalog.uwec.edu/undergraduate/attribute-sl/#header13</a>)</td>
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</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Fine Arts**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation. Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).
**Major Requirements**  
(Code 020-019)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Illustration. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Illustration Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

### Foundations Courses: ¹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td></td>
</tr>
</tbody>
</table>

### Art History Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
</tbody>
</table>

### Area Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td>3</td>
</tr>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
<td>3</td>
</tr>
<tr>
<td>ART 341</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 342</td>
<td>Illustration Editorials</td>
<td>3</td>
</tr>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td>3</td>
</tr>
<tr>
<td>ART 443</td>
<td>Advanced Studio - Illustration</td>
<td>3</td>
</tr>
</tbody>
</table>

### Area Support Options, Choose Four: ²

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 247</td>
<td>Water-Media I</td>
<td></td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 274</td>
<td>Compositional Principles of Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
<td></td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td></td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td></td>
</tr>
<tr>
<td>ART 312</td>
<td>Digital Imaging and Design</td>
<td></td>
</tr>
<tr>
<td>ART 340</td>
<td>Drawing: Conceptual Practices</td>
<td></td>
</tr>
<tr>
<td>ART 344</td>
<td>Painting: Space and Process</td>
<td></td>
</tr>
<tr>
<td>ART 347</td>
<td>Water-Media Process</td>
<td></td>
</tr>
<tr>
<td>ART 348</td>
<td>Water-Media Themes</td>
<td></td>
</tr>
<tr>
<td>ART 349</td>
<td>Painting: Conceptual and Aesthetic Strategies</td>
<td></td>
</tr>
<tr>
<td>ART 375</td>
<td>Digital Design I: Website Development</td>
<td></td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td></td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td></td>
</tr>
<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td></td>
</tr>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td></td>
</tr>
<tr>
<td>ART 478</td>
<td>3-D Computer Animation II</td>
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</tr>
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</table>

### Electives in Art (ART) or Art History (ARTH)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

¹ Foundations courses should be completed in the first year of study.
² Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience: ART 240, 340, and 402; ART 344 and 349; ART 247, 347, and 348; ART 274, 275, and 375; ART 278, 378, and 478; ART 250, 251, and 384; ART 281, 383, and 312.

**Additional B.F.A. Requirements**

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.

2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   - A) UWEC-approved International Study program;
   - B) at least one of the department’s national field trips;
   - C) at least two of the department’s regional field trips.

3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

**Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major**

**Liberal Arts (Code 020-007)**

### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

### Academic Concentrations (p. 50)

**Grade Point Requirements (p. 50)** ²

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

Minimum total: 30
Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

#### Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)  
One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  
One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity  
(http://catalog.uwec.edu/undergraduate/attribute-R1)  
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives  
(http://catalog.uwec.edu/undergraduate/attribute-R2)  
One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues  
(http://catalog.uwec.edu/undergraduate/attribute-R3)  
One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration  
(http://catalog.uwec.edu/undergraduate/attribute-I1)  
Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  
30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 020-007)

This degree is designed to provide students with a liberal arts experience in art or design, creating a well-rounded education that combines artistic interests with other academic disciplines. It provides an excellent technical, conceptual, creative, and aesthetic foundation for broader career options.

Foundations Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Composition</td>
<td></td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and</td>
<td>3</td>
</tr>
<tr>
<td>or ART 110</td>
<td>Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundations: Three-Dimensional</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Art</td>
<td></td>
</tr>
<tr>
<td>ART 274</td>
<td>Compositional Principles of</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

Area Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
<td>3</td>
</tr>
<tr>
<td>ART 276</td>
<td>Introduction to Visual Identity</td>
<td>3</td>
</tr>
<tr>
<td>ART 374</td>
<td>Visual Communication Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 375</td>
<td>Digital Design I: Website</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Development</td>
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</table>

Advanced Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 477</td>
<td>Professional Practices: Graphic</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td></td>
</tr>
<tr>
<td>ART 474</td>
<td>Digital Design II: Multimedia</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Development</td>
<td></td>
</tr>
<tr>
<td>or ART 476</td>
<td>Advanced Graphic Communications</td>
<td></td>
</tr>
</tbody>
</table>

Art History Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Century Art</td>
<td></td>
</tr>
</tbody>
</table>
### ARTH 225
History of Graphic Design

### ARTH Elective

### Elective in Studio Art (ART) Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 184</td>
<td>Multimedia Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 202</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>CJ 260</td>
<td>Introduction to Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>CS 318</td>
<td>Fundamentals of Web Page Design</td>
<td>3</td>
</tr>
<tr>
<td>CS 319</td>
<td>Introduction to Web Programming</td>
<td>3</td>
</tr>
<tr>
<td>CS 320</td>
<td>Web Database Design and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>CS 322</td>
<td>Animation Programming</td>
<td>3</td>
</tr>
</tbody>
</table>

### Interdisciplinary Electives

Choose three courses from:

- CJ 184 Multimedia Communication
- CJ 202 Fundamentals of Speech
- CJ 260 Introduction to Integrated Strategic Communication
- CS 318 Fundamentals of Web Page Design
- CS 319 Introduction to Web Programming
- CS 320 Web Database Design and Implementation
- CS 322 Animation Programming

### Total Credits

60

1. Foundations courses should be completed in the first year of study.
2. One 3-credit ARTH elective: ARTH 333 recommended.
3. 6 credits must be 300-level or above.

** NOTE: Comprehensive Art majors must complete at least one of the following travel experiences:

A) UWEC-approved International Study program;

B) at least one of the department’s national field trips;

C) at least two of the department’s regional field trips.

### Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major

**Liberal Arts (Code 020-006)**

### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

#### Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average for total</td>
<td>2.00</td>
</tr>
<tr>
<td>Average for resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Average for major</td>
<td>2.00</td>
</tr>
<tr>
<td>Average for minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Average for certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

**Certificate**

25 percent of credits

#### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

### Applicability of Credits Toward Graduation

#### Junior College or Two-Year College Credits
A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

#### Extension Credits
Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

#### WTCGS Credits
A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit**
UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

#### Activity Credit
Activity Credit (band, chorus, drama, KINS 100-184 courses)
Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

#### Other Restricted Credits
For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

#### Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Component</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

#### Credit by Examination

<table>
<thead>
<tr>
<th>Component</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>
Two-Year College Credits

Total degree credit  maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184  maximum 1 credit
Total Band, chorus, drama  maximum 12 credits
Single course band, chorus, drama  maximum 4 credits

Extension credits
UW-System  no maximum
Other extension/correspondence  maximum ¼ of total

USAFI
USAFI  maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS  a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)
One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)
One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)
One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)
Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 020-006)

This degree is designed to provide students with a liberal arts experience in art or design, creating a well-rounded education that combines artistic interests with other academic disciplines. It provides an excellent technical, conceptual, creative, and aesthetic foundation for broader career options.

Foundations Courses ¹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

Area Requirements, Choose Four:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td></td>
</tr>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
<td></td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td></td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
<td></td>
</tr>
</tbody>
</table>

Advanced Course Requirement, Choose One: ³

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td></td>
</tr>
<tr>
<td>ART 405</td>
<td>Advanced Three-Dimensional Studio</td>
<td></td>
</tr>
</tbody>
</table>

Art History Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 333</td>
<td>Themes in Contemporary Art</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives in Art (ART) or Art History (ARTH) ²

Total Credits: 60

¹ Foundations courses should be completed in the first year of study.
² Fifteen credits must be 300-level or above. Three credits must be in Art History (ARTH).
³ NOTE: Comprehensive Art majors must complete at least one of the following travel experiences:
A) UWEC-approved International Study program;
B) at least one of the department’s national field trips;
C) at least two of the department’s regional field trips.

Art, Minor

Liberal Arts (Code 020-402)

Twenty-four semester credits, including:

Foundations Courses, Choose Two: ¹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 105</td>
<td>Introduction to the Visual Arts</td>
<td></td>
</tr>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td></td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td></td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
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</tbody>
</table>

Entry-Level Courses, Choose Three: ⁹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td></td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td></td>
</tr>
<tr>
<td>ART 247</td>
<td>Water-Media I</td>
<td></td>
</tr>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
<td></td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 252</td>
<td>Printmaking - Serigraphy-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 253</td>
<td>Printmaking - Lithography-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 274</td>
<td>Compositional Principles of Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
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</tr>
<tr>
<td>ART 276</td>
<td>Introduction to Visual Identity Design</td>
<td></td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td></td>
</tr>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td></td>
</tr>
<tr>
<td>ART 312</td>
<td>Digital Imaging and Design</td>
<td></td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
<td></td>
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</tbody>
</table>

Intermediate/Advanced Courses, Choose Three: ⁹

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
<td></td>
</tr>
<tr>
<td>ART 340</td>
<td>Drawing: Conceptual Practices</td>
<td></td>
</tr>
<tr>
<td>ART 341</td>
<td>Figure Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 342</td>
<td>Illustration Editorials</td>
<td></td>
</tr>
<tr>
<td>ART 344</td>
<td>Painting: Space and Process</td>
<td></td>
</tr>
<tr>
<td>ART 347</td>
<td>Water-Media Process</td>
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<tr>
<td>ART 348</td>
<td>Water-Media Themes</td>
<td></td>
</tr>
<tr>
<td>ART 349</td>
<td>Painting: Conceptual and Aesthetic Strategies</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td></td>
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<td>--------------</td>
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</tr>
<tr>
<td>ART 350</td>
<td>Printmaking - Relief-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 351</td>
<td>Printmaking - Intaglio-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 352</td>
<td>Printmaking - Serigraphy-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 353</td>
<td>Printmaking - Lithography-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 358</td>
<td>Intermediate Ceramics</td>
<td></td>
</tr>
<tr>
<td>ART 364</td>
<td>Intermediate Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 365</td>
<td>Site-Specific Sculpture</td>
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</tr>
<tr>
<td>ART 366</td>
<td>Found Media</td>
<td></td>
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<tr>
<td>ART 373</td>
<td>Motion Graphics</td>
<td></td>
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<tr>
<td>ART 374</td>
<td>Visual Communication Design</td>
<td></td>
</tr>
<tr>
<td>ART 375</td>
<td>Digital Design I: Website Development</td>
<td></td>
</tr>
<tr>
<td>ART 376</td>
<td>Advanced Visual Identity Design</td>
<td></td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td></td>
</tr>
<tr>
<td>ART 381</td>
<td>Intermediate Photography: Darkroom</td>
<td></td>
</tr>
<tr>
<td>ART 382</td>
<td>Intermediate Photography: Digital</td>
<td></td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
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<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td></td>
</tr>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td></td>
</tr>
<tr>
<td>ART 405</td>
<td>Advanced Three-Dimensional Studio</td>
<td></td>
</tr>
<tr>
<td>ART 441</td>
<td>Advanced Studio - Life Drawing</td>
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</tr>
<tr>
<td>ART 443</td>
<td>Advanced Studio - Illustration</td>
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</tr>
<tr>
<td>ART 458</td>
<td>Advanced Ceramics</td>
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</tr>
<tr>
<td>ART 474</td>
<td>Digital Design II: Multimedia Development</td>
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<tr>
<td>ART 476</td>
<td>Advanced Graphic Communications</td>
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<tr>
<td>ART 477</td>
<td>Professional Practices: Graphic Communication</td>
<td></td>
</tr>
<tr>
<td>ART 478</td>
<td>3-D Computer Animation II</td>
<td></td>
</tr>
<tr>
<td>ART 481</td>
<td>Advanced Studio-Photography</td>
<td></td>
</tr>
</tbody>
</table>

1 It is important to be aware of which Foundations courses are prerequisites for the entry-level and intermediate/advanced courses and plan the minor accordingly.

NOTE: Art minors are encouraged to take Art History (ARTH) courses to meet the LE-K4 requirement.

### Art, Photography, Comprehensive Major

(Code 020-018)

#### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements (p. 50)</strong></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
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#### University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior year</td>
<td>23</td>
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<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent</td>
</tr>
</tbody>
</table>

#### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

#### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNSCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

#### Credit Restrictions

| Satisfactory/Unsatisfactory |
|-----------------------------|-----------------------------|
Total degree credit  
Major, Standard  
Major, Comprehensive

Credit by Examination  
Major, Standard  
Major, Comprehensive

Two-Year College Credits  
Activity credit (band, chorus, drama, KINS 100-184)

Extension credits  
UW-System  
Other extension/correspondence

USAFI  
USAFI

 Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS  
Knowledge Goal  
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)  
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)  
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)  
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)  

Skills Goal  
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)  
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)  
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  

Responsibility Goal  
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  

Integration Goal  
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  

Service-Learning Goal  
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  

College Degree Requirements
Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.
Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**  
(Code 020-018)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Photography. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Photography Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

**Foundations Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

**Art History Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
</tbody>
</table>

**Area Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 281</td>
<td>Introduction to Photography as an Art Form</td>
<td>3</td>
</tr>
<tr>
<td>ART 381</td>
<td>Intermediate Photography: Darkroom</td>
<td>3</td>
</tr>
<tr>
<td>ART 382</td>
<td>Intermediate Photography: Digital</td>
<td>3</td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td>3</td>
</tr>
<tr>
<td>or ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td></td>
</tr>
<tr>
<td>ART 481</td>
<td>Advanced Studio-Photography</td>
<td>6</td>
</tr>
<tr>
<td>ART 481</td>
<td>Advanced Studio-Photography</td>
<td>3</td>
</tr>
<tr>
<td>or ART 402</td>
<td>Advanced Studio Practice</td>
<td></td>
</tr>
</tbody>
</table>

**Area Support Options, Choose Four:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td></td>
</tr>
<tr>
<td>ART 244</td>
<td>Introduction to Painting</td>
<td></td>
</tr>
<tr>
<td>ART 249</td>
<td>Introduction to Printmaking</td>
<td></td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 253</td>
<td>Printmaking - Lithography-Beginning</td>
<td></td>
</tr>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 274</td>
<td>Compositional Principles of Graphic Design</td>
<td></td>
</tr>
<tr>
<td>ART 275</td>
<td>Principles of Typography</td>
<td></td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td></td>
</tr>
<tr>
<td>ART 332</td>
<td>Illustration Narratives</td>
<td></td>
</tr>
<tr>
<td>ART 340</td>
<td>Drawing: Conceptual Practices</td>
<td></td>
</tr>
<tr>
<td>ART 341</td>
<td>Figure Drawing</td>
<td></td>
</tr>
<tr>
<td>ART 342</td>
<td>Illustration Editorials</td>
<td></td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
<td></td>
</tr>
<tr>
<td>ART 358</td>
<td>Intermediate Ceramics</td>
<td></td>
</tr>
<tr>
<td>ART 365</td>
<td>Site-Specific Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td></td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td></td>
</tr>
<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td></td>
</tr>
</tbody>
</table>

**Art History Requirement**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 385</td>
<td>Photography: History and Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives in Art (ART) or Art History (ARTH)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
</table>

**Electives in Art History (ARTH)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
</table>

Total Credits: 75

1. Foundations courses should be completed in the first year of study.
2. Repeat ART 481 for a minimum total of six credits. Then choose ART 481 again for three additional credits (totaling 9) or ART 402.
3. Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience:
   - 2-Dimensional Media: ART 240, 241, 244, 249, 250, 251, 253, 340, 341
   - 3-Dimensional Media: ART 241, 264, 278, 357, 358, 365, 378, 383
   - Motion/Time-Based Art: ART 241, 278, 378, 383
   - Book & Paper Art: ART 249, 250, 251, 253, 274, 275, 332, 342, 384

**Additional B.F.A. Requirements**

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   - A) UWEC-approved International Study program;
   - B) at least one of the department’s national field trips;
   - C) at least two of the department’s regional field trips.
3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).
NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

Art, Printmaking, Comprehensive Major
(Code 020-021)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Requirement</th>
<th>Minimum total required</th>
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</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Requirement</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td></td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Residency Requirement</th>
<th>Minimum total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper</td>
<td>21</td>
</tr>
<tr>
<td>division in residence</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of</td>
</tr>
<tr>
<td></td>
<td>credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restriction</th>
<th>Maximum Acceptable Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)  
Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)  
Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)  
Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)  
One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)  
Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)  
One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)  
One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)  
Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/
#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)  
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)  
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)  
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  
30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

(Code 020-021)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Printmaking. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Printmaking Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

Foundation Courses:¹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
</tbody>
</table>
ART 110 Foundations: Three-Dimensional Art 3
ARTH 109 Art of the 20th Century 3
Art History Requirement:
ARTH 111 Survey: Ancient to Medieval Art 3
ARTH 112 Survey: Renaissance to 20th Century Art 3

Area Requirements
ART 241 Life Drawing I 3
ART 250 Printmaking - Relief-Beginning 3
ART 251 Printmaking - Intaglio-Beginning 3
ART 253 Printmaking - Lithography-Beginning 3
ART 402 Advanced Studio Practice 3
Choose Two: 6
ART 350 Printmaking - Relief-Intermediate
ART 351 Printmaking - Intaglio-Intermediate
ART 353 Printmaking - Lithography-Intermediate

Area Support Options, Choose Four: 12
ART 240 Intermediate Drawing
ART 244 Introduction to Painting
ART 247 Water-Media I
ART 264 Beginning Sculpture
ART 281 Introduction to Photography as an Art Form
ART 340 Drawing: Conceptual Practices
ART 341 Figure Drawing
ART 344 Painting: Space and Process
ART 347 Water-Media Process
ART 348 Water-Media Themes
ART 349 Painting: Conceptual and Aesthetic Strategies
ART 357 Introduction to Ceramics
ART 365 Site-Specific Sculpture
ART 384 Artist Books: Image & Text

Electives in Art (ART) and Art History (ARTH) 18
Electives in Art History (ARTH) 6

Total Credits 75

Foundations courses should be completed in the first year of study.

Additional B.F.A. Requirements
Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.

2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   A) UWEC-approved International Study program;
   B) at least one of the department’s national field trips;
   C) at least two of the department’s regional field trips.

3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

Art, Sculpture, Comprehensive Major
(Code 020-017)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical
College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Applicability of Credits Toward Graduation

| Credit Restrictions | Satisfactory/Unsatisfactory | Total degree credit | Major, Standard | Major, Comprehensive | Credit by Examination | Total degree credit | Major or minor | Total Two-Year College Credits | Total KINS 100-184 | Total Band, chorus, drama | Single course band, chorus, drama | Extension credits | UW-System | Other extension correspondence | USAFI | USAFI |
|---------------------|-----------------------------|---------------------|----------------|----------------------|-----------------------|---------------------|------------------|-----------------------------|----------------|-----------------------------|------------------------|-------------------|------------------|----------------|----------------|
|                     |                             | maximum 12          | maximum 1 course | maximum 2 courses    | maximum ¼ of total    | maximum 72 credits  | maximum ½ of total | maximum 72 credits  | maximum 1 credit | maximum 12 credits  | maximum 4 credits | no maximum        | maximum ⅓ of total | maximum 32 credits | maximum 32 credits |

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
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#### Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</th>
<th>Two (2) learning experiences</th>
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<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
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<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

#### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

#### Integration Goal

| Integration Goal | Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) | Two (2) learning experiences |

#### Service-Learning Goal
**College Degree Requirements**

**Bachelor of Fine Arts**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**

(Code 020-017)

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Sculpture. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Sculpture Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

**Department Requirements**

Foundation Courses:

1. ART 107 Foundations: Drawing and Composition
2. ART 108 Foundations: Color and Composition
3. ART 110 Foundations: Three-Dimensional Art
4. ARTH 109 Art of the 20th Century

**Art History Requirement:**

ARTH 111 Survey: Ancient to Medieval Art 3
ARTH 112 Survey: Renaissance to 20th Century Art 3

**Area Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 357</td>
<td>Introduction to Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 405</td>
<td>Advanced Three-Dimensional Studio</td>
<td>6</td>
</tr>
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</table>

Choose Two:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ART 364</td>
<td>Intermediate Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 365</td>
<td>Site-Specific Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 366</td>
<td>Found Media</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose One:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
<td>3</td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td>3</td>
</tr>
<tr>
<td>ART 340</td>
<td>Drawing: Conceptual Practices</td>
<td>3</td>
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</table>

**Area Support Options, Choose Four:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 240</td>
<td>Intermediate Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 241</td>
<td>Life Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td>3</td>
</tr>
<tr>
<td>ART 278</td>
<td>3-D Computer Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ART 358</td>
<td>Intermediate Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 364</td>
<td>Intermediate Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 365</td>
<td>Site-Specific Sculpture</td>
<td>3</td>
</tr>
<tr>
<td>ART 366</td>
<td>Found Media</td>
<td>3</td>
</tr>
<tr>
<td>ART 378</td>
<td>3-D Computer Animation I</td>
<td>3</td>
</tr>
<tr>
<td>ART 383</td>
<td>Video for Art and Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 384</td>
<td>Artist Books: Image &amp; Text</td>
<td>3</td>
</tr>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td>3</td>
</tr>
<tr>
<td>ART 458</td>
<td>Advanced Ceramics</td>
<td>3</td>
</tr>
<tr>
<td>ART 478</td>
<td>3-D Computer Animation II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives in Art (ART) or Art History (ARTH)**

18 credits

**Total Credits**

75

1. Foundations courses should be completed in the first year of study.

2. Repeat ART 405 for a total of six credits.

**Additional B.F.A. Requirements**

Further details regarding each of the following requirements are provided by the Art & Design Department each semester.

1. To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art
credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.

2. B.F.A. Comprehensive Art majors must complete at least one of the following travel experiences:
   A) UWEC-approved International Study program;
   B) at least one of the department’s national field trips;
   C) at least two of the department’s regional field trips.

3. To complete the B.F.A. program, students must participate in a Senior Exhibition hosted in the University’s Foster Gallery (http://uwec.ly/fostergallery).

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their faculty advisor to determine their position within the program and what requirements they will need to meet.

Art, Studio Emphasis, Major

Liberal Arts (Code 020-208)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit Requirements</th>
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<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 maximum 1 credit</td>
</tr>
<tr>
<td></td>
<td>Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td></td>
<td>Single course band, chorus, drama maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System no maximum</td>
</tr>
<tr>
<td></td>
<td>Other extension/correspondence maximum ¼ of total</td>
</tr>
</tbody>
</table>
### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

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<thead>
<tr>
<th>Knowledge Goal</th>
<th>Description</th>
<th>Credits</th>
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<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>Two (2) learning experiences</td>
<td>a minimum of 36 credits</td>
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<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
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<thead>
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<th>Skills Goal</th>
<th>Description</th>
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<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
<td>Two (2) learning experiences</td>
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<tr>
<td>Skills Outcome 2 (S2): Mathematics</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity</td>
<td>One (1) learning experience</td>
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<tr>
<th>Responsibility Goal</th>
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</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues</td>
<td>One (1) learning experience</td>
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<tr>
<th>Integration Goal</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration</td>
<td>Two (2) learning experiences</td>
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</tr>
<tr>
<td>Service-Learning Goal</td>
<td>Service-Learning</td>
<td>30 hours</td>
</tr>
</tbody>
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### College Degree Requirements

#### Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

#### Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

#### Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the
student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 020-208)**

This degree program is designed to liberally educate a student with knowledgeable foundations in art or design. It is not offered as a career or professional path, and it presumes integration with a minor or second major.

Thirty-six semester credits, including:

**Foundation Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 107</td>
<td>Foundations: Drawing and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 108</td>
<td>Foundations: Color and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ART 110</td>
<td>Foundations: Three-Dimensional Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 109</td>
<td>Art of the 20th Century</td>
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**Art History Requirement**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ARTH 111</td>
<td>Survey: Ancient to Medieval Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
</tbody>
</table>

**Studio Area Requirement**

Choose one three-course studio area sequence:

- **Ceramics:**
  - ART 357 & ART 358: Introduction to Ceramics and Intermediate Ceramics
  - ART 458 & ART 459: and Advanced Ceramics

- **Drawing, Option 1:**
  - ART 240: Intermediate Drawing
  - ART 340 & ART 402: and Advanced Drawing: Conceptual Practice

- **Drawing, Option 2:**
  - ART 241: Life Drawing I
  - ART 341 & ART 441: and Figure Drawing and Advanced Studio - Life Drawing

- **Graphic Design:**
  - ART 274: Compositional Principles of Graphic Design
  - ART 275 & ART 375: and Principles of Typography and Digital Design I: Website Development

- **Painting, Option 1:**
  - ART 244: Introduction to Painting
  - ART 344 & ART 349: and Painting: Space and Process and Conceptual and Aesthetic Strategies

- **Painting, Option 2:**
  - ART 247: Water-Media I and Water-Media Process
  - ART 347 & ART 348: and Water-Media Themes

- **Photography:**
  - ART 281 & ART 384: Introduction to Photography as an Art and Intermediate Photography: Darkroom
  - ART 382: Intermediate Photography: Digital
  - ART 383: Video for Art and Design
  - ART 384: Artist Books: Image & Text

**Printmaking:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 402</td>
<td>Advanced Studio Practice</td>
<td></td>
</tr>
<tr>
<td>ART 250</td>
<td>Printmaking - Relief-Beginning</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 350</td>
<td>Printmaking - Relief-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 251</td>
<td>Printmaking - Intaglio-Beginning</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 351</td>
<td>Printmaking - Intaglio-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 252</td>
<td>Printmaking - Serigraphy-Beginning</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 352</td>
<td>Printmaking - Serigraphy-Intermediate</td>
<td></td>
</tr>
<tr>
<td>ART 253</td>
<td>Printmaking - Lithography-Beginning</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 353</td>
<td>Printmaking - Lithography-Intermediate</td>
<td></td>
</tr>
</tbody>
</table>

**Sculpture:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 264</td>
<td>Beginning Sculpture</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 364</td>
<td>and Intermediate Sculpture</td>
<td></td>
</tr>
<tr>
<td>&amp; ART 405</td>
<td>and Advanced Three-Dimensional Studio</td>
<td></td>
</tr>
<tr>
<td>or ART 366</td>
<td>Found Media</td>
<td></td>
</tr>
</tbody>
</table>

**Electives in Art (ART) or Art History (ARTH)**

Total Credits 36

1. Photography course sequence: Choose **two** 300-level courses.
2. Printmaking course sequence: Choose one pair in addition to ART 402
3. Sculpture course sequence: Choose either ART 364 or ART 366

---

**Biology**

Phillips 330
715-836-4166
Department Website ([https://www.uwec.edu/academics/college-arts-sciences/departments-programs/biology](https://www.uwec.edu/academics/college-arts-sciences/departments-programs/biology))

**The Study of Life**

Biologyists study the diversity, function, and interconnection of living organisms on earth from the molecular and cellular level to that of the whole organism. It is a broad science with many subdisciplines that range from the theoretical to the applied and from the microbe to the biome. Biological knowledge and understanding is essential for the intelligent evaluation of a range of issues facing civilization whether they be emerging diseases; invasive species and loss of biodiversity; or advances in medical, biotechnological, and ecological research.

The mission of the Department is to build a community that will instill an enthusiasm for lifetime learning in the biological sciences through education, research, and service to students, faculty/staff, and the public-at-large. We aim to provide students with basic concepts and skills as well as an enlightening and participatory learning environment via coursework, seminars, and collaborative research opportunities so that they may solve problems and confront issues of the future whether they be scientific, social, political, or ethical in context. We also aim to provide an atmosphere that assists students in identifying career possibilities consistent with their interests and abilities in the life sciences.
Student Organizations
Biology Club is a student organization for those interested in Biology. We also have organizations that span from the Saltwater Reef team to pre-professional groups. Beta Beta Beta, Biology Honor society, is dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research. Meetings provide opportunities to meet other biology majors/minors and professors, hear speakers on various biology related topics, learn about possible internships and research opportunities, and participate in fun activities such as trips to science museums, aquariums, and zoos.

Departmental Honors in Biology
Eligibility: Upper-class students with resident and total GPAs of 3.30 or higher and a 3.50 or higher in at least 12 credits of biology.

Procedure: A written application for Departmental Honors in Biology shall be approved by the research advisor and the departmental honors committee.

Requirements:
1. The satisfactory completion of
   a. 5-7 credits of registration in Honors Research including the writing of a research paper. A grade will be given for the total research credits only upon completion of the research paper;
   b. BIOL 385 or BIOL 497 where the results of the honors research will be presented;
   c. final approval by faculty and academic staff of the Department of Biology.
2. Resident and total GPAs of 3.50 or higher in both the biology major and for all credits attempted to meet graduation requirements.

Faculty
Paula Kleintjes Neff, Chair

Julie Anderson
Winnifred Bryant
Bradley Carter
Christina Chan-Weiher
Crystal Del Valle
Mary Elger-Lonzarich
Derek Gingerich
Daniel Herman
Daniel Janik
Mel Kantor
Michelle Kettler
Tali Lee
David Lonzarich
Jamie Lyman Gingerich
Nora Mitchell
Kelly Murray
Sasha Showsh
Evan Weiher
Todd Wellnitz
Lauren Wentz

Minors
- Minor: Biology, General, Liberal Arts (p. 172)
- Minor: Biology, Teaching (p. 181)

Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major

University Requirements

Minors
- Minor: Biology, General, Liberal Arts (p. 172)
- Minor: Biology, Teaching (p. 181)

Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major

University Requirements

Graduation Requirements for Baccalaureate Degree

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as
transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Credit by Examination</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Two-Year College Credits</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Extension credits</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI**

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th></th>
</tr>
</thead>
</table>

**USAFI**

<table>
<thead>
<tr>
<th>Credit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

**USAFI Credit.**
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree

(B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, and GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112, or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 080-001)

This emphasis provides extensive exposure to topics in ecology, field biology, and biological conservation. It is intended for students who are interested in field research, environmental monitoring and management, or natural resource conservation, or who desire strong preparation for graduate programs in ecology, environmental biology, or related fields. Requires completion of the core, the required credits as listed below, and biology electives to total at least 60 credits.

Core Requirements for All Biology Majors

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>9</strong></td>
</tr>
</tbody>
</table>

Core Requirements for Biology, Liberal Arts

All students who pursue a Liberal Arts Comprehensive Major in Biology are also required to complete MATH 114, and CHEM 103 and CHEM 104, or CHEM 105, CHEM 106, and CHEM 109, or CHEM 115, in addition to the 60 credits required for the major.

Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 321</td>
<td>Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 383</td>
<td>Biostatistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Field Experience may include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 320</td>
<td>Studies in Tropical Environments</td>
</tr>
<tr>
<td>BIOL 423</td>
<td>Collaborative Research in Biology</td>
</tr>
<tr>
<td>BIOL 490</td>
<td>Biological Field Studies</td>
</tr>
</tbody>
</table>

summer offerings at a biological field station or other approved experience

Categorical Courses

Form and Function:

At least one course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 315</td>
<td>Reproductive Physiology</td>
</tr>
<tr>
<td>BIOL 317</td>
<td>Animal Physiology</td>
</tr>
<tr>
<td>BIOL 318</td>
<td>Plant Form and Function</td>
</tr>
<tr>
<td>BIOL 319</td>
<td>Animal Form and Function</td>
</tr>
<tr>
<td>BIOL 322</td>
<td>Plant Anatomy</td>
</tr>
<tr>
<td>BIOL 333</td>
<td>Plant Physiology</td>
</tr>
<tr>
<td>BIOL 350</td>
<td>Systems Neuroscience</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Endocrinology</td>
</tr>
</tbody>
</table>

Organismal Diversity:
At least two courses from:

- BIOL 311 General Entomology
- BIOL 325 Plant Systematics
- BIOL 331 Trees and Shrubs
- BIOL 332 Field Botany
- BIOL 340 Ornithology
- BIOL 345 Invertebrate Zoology
- BIOL 356 Wisconsin Wildlife
- BIOL 361 Biology of Microorganisms
- BIOL 362 Field Zoology
- BIOL 379 Biology of Fishes

Ecology, Evolution, and Behavior:

At least two courses from:

- BIOL 306 Infectious Disease Ecology
- BIOL 308 Evolution
- BIOL 328 Conservation Biology
- BIOL 339 Physiological Ecology
- BIOL 365 Animal Behavior
- BIOL 376 Aquatic Ecology
- BIOL 435 Advanced Ecology

Physical Sciences

Select from the following: 1 12

- GEOG 270 Land Use Issues and Problems
- GEOG 304 Introduction to Geomorphology
- GEOG 335 Geographic Information Systems I
- GEOG 336 Geospatial Field Methods
- GEOG 337 Geographic Information Systems II
- GEOG 338 Remote Sensing of the Environment
- GEOG 350 Soils and the Environment
- GEOG 351 Environmental Hazards
- GEOG 363 Watershed Analysis
- GEOG 435 Geographic Information Systems III
- GEOG 438 Advanced Remote Sensing
- GEOG 455 Web Geographic Information Systems
- GEOL 115 Environmental Geology
- GEOL 301 Earth Resources
- GEOL 304 Global Environmental Change
- GEOL 308 Water Resources
- GEOL 315 Hydrogeology I
- GEOL 336 Introduction to Geochemistry
- PHYS 211 General Physics
- PHYS 231 University Physics I
- CHEM 304 Environmental Chemistry
- CHEM 325 Organic Chemistry I with Laboratory

Twenty-four semester credits in Biology, including:

- BIOL 221 Foundations of Biology I 4
- BIOL 222 Foundations of Biology II 3
- BIOL 223 Foundations of Biological Inquiry 2

**Biology, Major - Teaching**

*Teaching (Code 080-205)*

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

- Minimum total for graduation 1 120
- Upper division credits (courses numbered 300 and higher) 39
- Liberal Education Core (p. 46) 36
- Academic Concentrations (p. 50)

**Grade Point Requirements** (p. 50) 2

- Total 2.00 average
- Resident 2.00 average
- Major 2.00 average
- Minor 2.00 average
- Certificate 2.00 average

**University Residency Requirements** (p. 50)

- Minimum total 30
- Senior year 23
- Major, Standard, upper division in residence 12
- Major, Comprehensive, upper division in residence 21
- Certificate 25 percent of credits

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged sufficiently rigorous for academic purposes.

Research or internship experience strongly recommended.

**Biology, General, Minor**

*Liberal Arts (Code 080-401)*
to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12</td>
<td>Maximum 1 course</td>
<td>Maximum 2 courses</td>
<td></td>
</tr>
</tbody>
</table>

**Credit by Examination**

- Total degree credit: maximum ¼ of total
- Major or minor: maximum ½ of total

**Two-Year College Credits**

- Total degree credit: maximum 72 credits

**Activity credit (band, chorus, drama, KINS 100-184)**

- Total KINS 100-184: maximum 1 credit
- Total Band, chorus, drama: maximum 12 credits
- Single course band, chorus, drama: maximum 4 credits

**Extension credits**

- UW-System: no maximum
- Other extension.correspondence: maximum ¼ of total

**USAFI**

- USAFI: maximum 32 credits

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits Required</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Goal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues</td>
<td>One (1) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Integration Goal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td></td>
<td>30 hours</td>
</tr>
</tbody>
</table>

#### Knowledge Goal

- **Knowledge Outcome 1 (K1): Natural Sciences**
  - Two (2) learning experiences
- **Knowledge Outcome 2 (K2): Social Sciences**
  - Two (2) learning experiences
- **Knowledge Outcome 3 (K3): Humanities**
  - Two (2) learning experiences
- **Knowledge Outcome 4 (K4): Fine Arts**
  - One (1) learning experience

#### Skills Goal

- **Skills Outcome 1 (S1): Written and Oral Communication**
  - Two (2) learning experiences
- **Skills Outcome 2 (S2): Mathematics**
  - One (1) learning experience
- **Skills Outcome 3 (S3): Creativity**
  - One (1) learning experience

#### Responsibility Goal

- **Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity**
  - Two (2) learning experiences
- **Responsibility Outcome 2 (R2): Global Perspectives**
  - One (1) learning experience
- **Responsibility Outcome 3 (R3): Civic and Environmental Issues**
  - One (1) learning experience

#### Integration Goal

- **Integration Outcome 1 (I1): Integration**
  - Two (2) learning experiences

#### Service-Learning Goal

- **Service-Learning**
  - 30 hours
College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497: Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385: Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497: Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

ES 212: Initial Teaching Experience in Elementary, Middle, and High School Settings 2
ES 312: General Methods of Teaching 2
ES 317: Middle Level Methods and Curriculum 2
ES 318: Teacher Assisting 1
ES 328: Content Area Reading and Study Strategies 2
ES 385: Social Foundations: Human Relations 3

Prescribed special methods course(s) (see approved majors and minors below)

ES 445 & ES 470: Student Teaching in Middle Level Education or Internship Teaching in Middle Level Education and Student Teaching in Secondary Education 12
or ES 446 & ES 475: Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education
ES 490: Historical, Legal, and Philosophical Foundations of Education 3
ES 497: Field Experience Seminar 2
SPED 300: Inclusive Practices for Secondary Educators 2

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td>ETS 5061</td>
<td></td>
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<tr>
<td>Physical Science</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>Physics-Mathematics</td>
<td></td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
<td></td>
</tr>
</tbody>
</table>

ETS 5161 and ETS 5435 (regardless of emphasis)
<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 1</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry 1</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics 1</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Minors</td>
<td>Code</td>
<td>Prescribed Methods Course</td>
<td>Additional Requirements</td>
<td>Praxis II or ACTFL Content Test Required</td>
</tr>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td>no addtl exam</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad or OPIc</td>
<td>WPT and OPIc or OPIc</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-471</td>
<td>ES 357</td>
<td></td>
<td>ETS 5146</td>
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<tr>
<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-403</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Sociology</td>
<td>480-404</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Teaching English to Speakers of Other Languages (TESOL)</td>
<td>550-408</td>
<td>ES 405 (F)</td>
<td>1 yr college level foreign language</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

**Admission Requirements**

Admission to Professional Education Programs (p. 508)

**Major Requirements**

**Teaching (Code 080-205)**

**Core Requirements for All Biology Majors**

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

Thirty-six semester credits, including the core and required courses:

**Core Courses**

- BIOL 221 Foundations of Biology I 4
- BIOL 222 Foundations of Biology II 3
- BIOL 223 Foundations of Biological Inquiry 2

Total Credits 9

**Required Courses:**

- BIOL 180 Environmental Biology and Conservation 3
- BIOL 321 Ecology 3
- BIOL 323 Genetics 3
- BIOL 324 Genetics Inquiry 2
- BIOL 496 Student Academic Apprenticeship 1-2

Additional biology courses to complete the 36-credit total in biology.

In addition to the 36 credits in biology, chemistry requirement chosen from CHEM 103 and CHEM 104 OR CHEM 105, CHEM 106 and CHEM 109 OR CHEM 115. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

**Information for Teaching Majors**

Biology majors entering teaching must also take ES 360.
Broadfield Science Licensure:
Completion of the following requirements and ES 360 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A. At least 14 credits from one of the following areas:

Area 1

Required:
- CHEM 103 General Chemistry I
- CHEM 104 and General Chemistry II

OR
- CHEM 105 General Chemistry I Lecture
- CHEM 106 and General Chemistry I Laboratory
- CHEM 109 and General Chemistry II with Lab

OR
- CHEM 115 Chemical Principles

Additional courses selected from below:
- CHEM 213 Quantitative Analysis
- CHEM 218 Introduction to Inorganic Chemistry
- CHEM 325 Organic Chemistry I with Laboratory

Area 2

PHYS 211 General Physics
- PHYS 212 and General Physics

OR
- PHYS 231 University Physics I
- PHYS 232 and University Physics II

Additional Physics credits above 212

Area 3

Select one of the following:
- GEOL 106 Earth Science
- GEOL 110 Physical Geology
- GEOL 115 Environmental Geology
- GEOL 118 Societal Issues in Earth Science

Select one of the following:
- GEOG 104 The Physical Environment
- GEOG 340 Climatology
- GEOG 361 Environmental Hazards

Required:
- PHYS 226 Astronomy-Solar System

Additional courses from the following:
- GEOL 102 Oceanography
- GEOL 301 Earth Resources
- GEOL 303 Rocky Mountain Field Studies
- GEOL 308 Water Resources
- PHYS 229 Astronomy-Stars and Galaxies
- GEOG 200 Foundations of Geography
- GEOG 304 Introduction to Geomorphology
- GEOG 340 Climatology
- GEOG 361 Environmental Hazards

B. Eight credits in each of the two areas not selected in A above:

Area 1

CHEM 103 General Chemistry I 4

OR

Area 2

Select one of the following:
- PHYS 211 General Physics
- PHYS 212 and General Physics

OR
- PHYS 231 University Physics I
- PHYS 232 and University Physics II

Area 3

GEOL 106 Earth Science
- OR
- GEOG 104 The Physical Environment
- OR
- GEOG 229 Astronomy-Solar System

Biology, Major - Liberal Arts

Liberal Arts (Code 080-203)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits
Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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<thead>
<tr>
<th>Credit Restrictions</th>
<th>Two-Year College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total degree credit</strong></td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td><strong>Extension credits</strong></td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
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<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

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**LIBERAL EDUCATION CORE REQUIREMENTS**
a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Skills Goal</th>
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</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Skills Outcome 2 (S2): Mathematics</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td></td>
</tr>
</tbody>
</table>

**Credit Restrictions**

<table>
<thead>
<tr>
<th>Satisfactory/Unsatisfactory</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total degree credit</strong></td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
Liberal Arts (Code 080-203)

Thirty-six semester credits, including:

Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of two upper-division lab courses selected from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311</td>
<td>General Entomology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 317</td>
<td>Animal Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 318</td>
<td>Plant Form and Function</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 319</td>
<td>Animal Form and Function</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 322</td>
<td>Plant Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 324</td>
<td>Genetics Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Plant Systematics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 328</td>
<td>Conservation Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 331</td>
<td>Trees and Shrubs</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 332</td>
<td>Field Botany</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 333</td>
<td>Plant Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 338</td>
<td>Vegetation Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 339</td>
<td>Physiological Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 340</td>
<td>Ornithology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 345</td>
<td>Invertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 351</td>
<td>Systems Neuroscience Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 356</td>
<td>Wisconsin Wildlife</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 361</td>
<td>Biology of Microorganisms</td>
<td>5</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BIOL 362</td>
<td>Field Zoology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 365</td>
<td>Animal Behavior</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 376</td>
<td>Aquatic Ecology</td>
<td>3-4</td>
</tr>
<tr>
<td>BIOL 379</td>
<td>Biology of Fishes</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Endocrinology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 386</td>
<td>Biology Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Advanced Cell and Molecular Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 423</td>
<td>Collaborative Research in Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 460</td>
<td>Developmental Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

Additional biology courses not specifically excluded from the biology major to complete the 36 credit total in biology.

In addition to the 36 credits in biology, students who pursue the Liberal Arts Major in Biology must complete:

- **MATH 114** Calculus I 4
- **CHEM 103** General Chemistry I and **CHEM 104** General Chemistry II 8
  OR
  **CHEM 105** General Chemistry I Lecture and **CHEM 106** General Chemistry I Laboratory and **CHEM 109** General Chemistry II with Lab 9
  OR
  **CHEM 115** Chemical Principles 6

### Biology, Microbiology Emphasis, Comprehensive Major

**Liberal Arts (Code 080-002)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Concentrations**

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements**

<table>
<thead>
<tr>
<th>University Residency Requirements (p. 50)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of total credits</td>
</tr>
</tbody>
</table>

### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**
Total degree credit | maximum 72 credits
---|---
**Activity credit (band, chorus, drama, KINS 100-184)**
Total KINS 100-184 | maximum 1 credit
Total Band, chorus, drama | maximum 12 credits
Single course band, chorus, drama | maximum 4 credits
**Extension credits**
UW-System | no maximum
Other extension/correspondence | maximum ¼ of total
**USAFI**
USAFI | maximum 32 credits

**Liberal Education Core**
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**
a minimum of 36 credits

**Knowledge Goal**
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

**Skills Goal**
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

**Responsibility Goal**
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experiences

**Integration Goal**
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/)

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors (if available) of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and
Science course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
Liberal Arts (Code 080-002)

This emphasis differs from the Biochemistry/Molecular Biology comprehensive major in that it provides more in-depth exposure to topics in microbiology including virology, immunology, and bacteriology. It is excellent preparation for careers in health science, industry, and for graduate training in microbiology and related fields. Requires completion of the core, the required credits as listed below, and biology electives to total at least 60 credits.

Core Requirements for All Biology Majors
Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>9</strong></td>
</tr>
</tbody>
</table>

Core Requirements for Biology, Liberal Arts

All students who pursue a Liberal Arts Comprehensive Major in Biology are also required to complete MATH 114, and CHEM 103 and CHEM 104, or CHEM 105, CHEM 106, and CHEM 109, or CHEM 115, in addition to the 60 credits required for the major.

Biology, Microbiology Emphasis, Comprehensive Major

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 305</td>
<td>Molecular and Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 324</td>
<td>Genetics Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 361</td>
<td>Biology of Microorganisms</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 402</td>
<td>Current Topics in Virology and Immunology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Fundamentals of Biochemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

Elective Courses

At least two courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 306</td>
<td>Infectious Disease Ecology</td>
</tr>
<tr>
<td>BIOL 371</td>
<td>Medical Mycology</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Advanced Cell and Molecular Lab</td>
</tr>
<tr>
<td>BIOL 409</td>
<td>Molecular Genetics</td>
</tr>
<tr>
<td>ENPH 450</td>
<td>Epidemiology</td>
</tr>
</tbody>
</table>

Biology, Minor - Teaching

Teaching (Code 080-403)

Twenty-four semester credits in Biology, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 180</td>
<td>Environmental Biology and Conservation</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 321</td>
<td>Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 323</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 324</td>
<td>Genetics Inquiry</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 496</td>
<td>Student Academic Apprenticeship</td>
<td>1-2</td>
</tr>
</tbody>
</table>

NOTE: In addition to these 24 credits, students will also have to take ES 360.

NOTE: This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

Chemistry

Phillips 430
715-836-3417
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/chemistry)

The degree programs in chemistry offer the opportunity to build a useful and marketable set of technical skills while obtaining a well-rounded liberal arts education. The Chemistry Department offers several majors and interdisciplinary programs with varying degrees of specialization designed to meet the needs and interests of a broad range of students. The A.C.S. certified majors are ideal for students seeking a rigorous and focused course of study and are well suited to those seeking employment in the chemical industry or planning graduate study in chemistry or biochemistry. The liberal arts major offers broader professional options and is more flexible in terms of elective coursework and is paired with a minor or second major. The liberal arts major is also an excellent choice for pre-medicine, pre-dentistry, and other pre-professional students. The chemistry teaching major is tailored to the needs of chemistry students interested in secondary education, and the chemistry with business emphasis major is ideal for those seeking a business career in a technical industry. Pre-pharmacy students often declare a chemistry with business emphasis major, as do other pre-professional students. Students interested in biological chemistry may also consider the interdisciplinary comprehensive major in biochemistry/molecular biology offered jointly by the Biology and Chemistry Departments.

Faculty/student collaborative research is the hallmark of the Chemistry Department. These hands-on learning opportunities are key to acquainting students with the day-to-day activities of practicing chemists and often lead to summer employment and internship opportunities. Many students also
have the opportunity to present their work at professional meetings prior to graduation.

The Chemistry Department is accredited by the American Chemical Society (A.C.S.) to certify its comprehensive degrees as meeting the breadth and depth requirements of the A.C.S. There are three A.C.S. certified options.

**Honor Societies and Student Organizations:**

The UW-Eau Claire student affiliate chapter of the American Chemical Society (ACS-SA) is a national award-winning organization that involves students in social, professional, and service activities at the university and in the community. This group has continued since the A.C.S. incorporated ACS-SA members into its general membership as Student Members. The UW-Eau Claire ACS-SA helps inform fellow students of curricular options and career opportunities and coordinates a tutoring program serving students in lower-level chemistry courses. All chemistry and biochemistry/molecular biology students are encouraged to become members of ACS-SA.

**Departmental Honors in Chemistry**

Open to students in all chemistry programs who meet the following requirements:

1. GPA of 3.50 or higher, both cumulative and in chemistry courses. Participation in a collaborative research project with a chemistry faculty member that results in:
2. a presentation at an off-campus research conference, and
3. completion of CHEM 497 with a favorable review of the manuscript by the research advisor and at least two additional faculty members.

**Procedure:** Students seeking Departmental Honors must:

1. Complete all requirements listed above.
2. Complete the Departmental Honors Application that includes: the application form with required signatures, a transcript, and copies of the CHEM 497 manuscript and presentation abstract.
3. Forward a completed application to the Student Affairs Committee Chair by the date specified on the form.

Note: Names of Departmental Honors graduates must be forwarded to the University Honors Program Director and Registrar at least three weeks prior to commencement.

**Information for All Students about General Chemistry Placement**

**NOTE 1:** CHEM 105 is the first course in a two-semester general chemistry sequence that includes CHEM 105, CHEM 106 and CHEM 109, while CHEM 115 combines material from this two-semester sequence into a single one-semester course. Students, especially chemistry, biochemistry/molecular biology (B/MB), and materials science majors (see Note 5), who meet the enrollment criteria described in NOTES 2 and 3 are strongly encouraged to take CHEM 115 to complete their general chemistry requirement in a single semester.

**NOTE 2:** High school math performance is the best predictor of success in all 100-level chemistry courses. Students who place into MATH 114 or higher should almost always take CHEM 115. Students who place into MATH 109 or lower should take CHEM 105 and CHEM 106 as their first semester, followed by CHEM 109. Students who place into MATH 112 or MATH 113 should consider their chemistry background and anticipated degree program when choosing between CHEM 105/106 and CHEM 115. Students with a strong high school chemistry background (see NOTE 3), and who are planning to major (or minor) in chemistry, B/MB, or materials science should usually take CHEM 115. Students with less chemistry preparation, or who are not planning on majoring (or minoring) in chemistry, B/MB, or materials science should probably start by taking CHEM 105 and CHEM 106.

**NOTE 3:** A “strong background” in high school chemistry can take several forms. Successful completion of an AP chemistry course or similarly enriched chemistry course constitutes a strong background. Successful completion of two years of high school chemistry; or one year of high school chemistry and one year of high school physics generally provides a strong background as well.

**NOTE 4:** Students who take CHEM 115, and after consultation with their CHEM 115 instructor in the first 2 of weeks of the course determine that CHEM 105/106 is the more appropriate starting point for them in chemistry, will be allowed to transfer to CHEM 105/106. Therefore, for close decisions between original enrollment in CHEM 105/106 or CHEM 115, students are encouraged to enroll in CHEM 115.

**NOTE 5:** Chemistry, B/MB, and materials science majors and minors receive 6 credits toward the major for CHEM 115 or a combination of CHEM 105, CHEM 106, and CHEM 109. Therefore, these students should take CHEM 115 if they meet the enrollment criteria so that they can move on sooner to other courses in their major.

**Faculty**

James Phillips, Chair


**Majors**

- Comprehensive Major: Chemistry, A.C.S., General Emphasis - B.A./B.S. (p. 188)
- Comprehensive Major: Chemistry, A.C.S., Biochemistry Emphasis - B.A./B.S. (p. 185)
- Major: Chemistry, Liberal Arts - B.A./B.S. (p. 190)
- Major: Chemistry, Teaching - B.S. (p. 193)
- Comprehensive Major: Chemistry with Business Emphasis - B.A./B.S. (p. 183)
- Comprehensive Major: Biochemistry/Molecular Biology, Liberal Arts - B.A./B.S. (Interdisciplinary Major) (p. 63)
- Comprehensive Major: Physical Science, Teaching (Interdisciplinary Major) (p. 82)
Minors

- Minor: Chemistry, Liberal Arts (p. 198)
- Minor: Chemistry, Teaching (p. 197)

Chemistry with Business Emphasis, Comprehensive Major

(Code 111-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1
Upper division credits (courses numbered 300 and higher)
Liberal Education Core (p. 46)
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total
Senior year
Major, Standard, upper division in residence
Major, Comprehensive, upper division in residence
Certificate

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses.

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/ correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)
Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)
One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)
One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)
One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)
Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl)
30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.
Major Requirements

(Code 111-001)

The chemistry with business emphasis major is designed to prepare students for careers in the chemical industry in the areas of sales, marketing, and technical service. It is also appropriate for pre-professional students, such as pre-pharmacy and pre-dentistry.

A minimum of 66 semester credits, including:

Chemistry Course Requirements

Select one of the following: 28

- CHEM 115 Chemical Principles
- CHEM 103 General Chemistry I
  & CHEM 104 and General Chemistry II 1
- CHEM 105 General Chemistry I Lecture
  & CHEM 106 and General Chemistry I Laboratory
  & CHEM 109 and General Chemistry II with Lab 1

Required:
- CHEM 213 Quantitative Analysis 4
- CHEM 218 Introduction to Inorganic Chemistry 3
- CHEM 274 Chemical Industry Seminar 1
- CHEM 325 Organic Chemistry I with Laboratory
  & CHEM 326 and Organic Chemistry II with Laboratory
- CHEM 411 Survey of Industrial Chemistry 2 3
- CHEM 460 Polymer Chemistry 3

Business Course Requirements

- ACCT 201 Introduction to Accounting 3
- ECON 103 Principles of Microeconomics
  & ECON 104 and Principles of Macroeconomics 6
- IS 240 Information Systems in Business 3

Three courses selected from the following: 5 9

- FIN 320 Principles of Finance
- MGMT 340 Organizational Behavior
- MGMT 341 Operations Management
- MGMT 345 Managing Global Organizations
- MGMT 446 Advanced Organizational Behavior
- MKTG 330 Principles of Marketing
- MKTG 336 Business Logistics Management
- MKTG 337 Professional Selling
- MKTG 433 Sales Management
- MKTG 437 Business-to-Business Marketing

Communications Course Requirements

One course selected from the following: 2-3

- BCOM 206 Business Writing 3
- BCOM 207 Business Presentations 4
- ENGL 312 Science Writing
- ENGL 313 Technical Writing

Other Requirements (minimum) 15

- MATH 246 Elementary Statistics 4

Select one of the following: 2-4

- MATH 111 A Short Course in Calculus
- MATH 112 Precalculus Mathematics
- MATH 113 Trigonometry

Chemistry, A.C.S., Biochemistry Emphasis, Comprehensive Major

(Code 100-009)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.
### Applicability of Credits Toward Graduation

#### Junior College or Two-Year College Credits
A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

#### Extension Credits
Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

#### WTCS Credits
A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

#### USAFI Credit
UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

#### Activity Credit (band, chorus, drama, KINS 100-184 courses)
Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

#### Other Restricted Credits
For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit</th>
<th>maximum 12</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Major, Standard</td>
<td>maximum 1 course</td>
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<tr>
<td></td>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total degree credit</th>
<th>maximum 72 credits</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

#### Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences <a href="http://catalog.uwec.edu/undergraduate/attribute-k1">Link</a></th>
<th>Two (2) learning experiences</th>
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</thead>
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<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences <a href="http://catalog.uwec.edu/undergraduate/attribute-k2">Link</a></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities <a href="http://catalog.uwec.edu/undergraduate/attribute-k3">Link</a></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts <a href="http://catalog.uwec.edu/undergraduate/attribute-k4">Link</a></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication <a href="http://catalog.uwec.edu/undergraduate/attribute-s1">Link</a></th>
<th>Two (2) learning experiences</th>
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<tbody>
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<td>Skills Outcome 2 (S2): Mathematics <a href="http://catalog.uwec.edu/undergraduate/attribute-s2">Link</a></td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity <a href="http://catalog.uwec.edu/undergraduate/attribute-s3">Link</a></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity <a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">Link</a></th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity <a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">Link</a></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

(Code 100-009)

The chemistry A.C.S. with biochemistry emphasis major is good preparation for students planning graduate study in biochemistry, biophysics or medicinal chemistry. In addition, this emphasis provides an exceptionally rigorous pre-medical or pre-pharmacy program with suitable biology electives.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 61-semester credits, including:

Chemistry Core

<table>
<thead>
<tr>
<th>Select one of the following:</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115 Chemical Principles</td>
<td></td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104 General Chemistry I and General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory &amp; CHEM 109 General Chemistry I Laboratory and General Chemistry II with Lab</td>
<td></td>
</tr>
</tbody>
</table>

Required:

| CHEM 213 Quantitative Analysis | 4 |
| CHEM 218 Introduction to Inorganic Chemistry | 3 |
| CHEM 325 Organic Chemistry I with Laboratory | 4 |
| CHEM 326 Organic Chemistry II with Laboratory | 4 |

Additional Required Courses

| PHYS 231 University Physics I & PHYS 232 University Physics II | 10 |
| MATH 114 Calculus I & MATH 215 and Calculus II | 8 |

Total Credits 39

1 Only six credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Comprehensive Major: Chemistry, A.C.S., Biochemistry Emphasis

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

Bachelor of Science Degree in the College of Arts and Sciences (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors (if available) of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Graduation Requirements

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122/LANG 122 or CSD 103).

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors (if available) of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122/LANG 122 or CSD 103).
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHEM 433</td>
<td>Physical Chemistry I</td>
<td>4</td>
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<tr>
<td>CHEM 452</td>
<td>Biochemistry I</td>
<td>8</td>
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<tr>
<td>&amp; CHEM 453</td>
<td>and Biochemistry Laboratory</td>
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<tr>
<td>&amp; CHEM 454</td>
<td>and Biochemistry II</td>
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<tr>
<td>CHEM 420</td>
<td>Advanced Synthesis Laboratory</td>
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<tr>
<td>&amp; CHEM 438</td>
<td>and Physical Analysis Laboratory</td>
<td></td>
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<tr>
<td>CHEM 318</td>
<td>Bioinorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>or CHEM 361</td>
<td>Molecules and Medicine</td>
<td></td>
</tr>
</tbody>
</table>

**Elective(s)**

Select a minimum of 3 credits:

- CHEM 304 Environmental Chemistry
- CHEM 318 Bioinorganic Chemistry
- CHEM 361 Molecules and Medicine
- CHEM 397 Chemical Literature and Communication
- CHEM 399 Independent Study - Juniors
- CHEM 401 Inorganic Chemistry
- CHEM 411 Survey of Industrial Chemistry
- CHEM 426 Modern Organic Chemistry
- CHEM 444 Modern Applied Separations and Spectrometry
- CHEM 460 Polymer Chemistry
- CHEM 491 Special Topics
- CHEM 495 Directed Studies
- CHEM 497 Independent Study (ACS)
- CHEM 499 Independent Study - Seniors

Total Credits: 22

### Chemistry, A.C.S., General Emphasis, Comprehensive Major

**(Code 100-007)**

#### University Requirements

**Graduation Requirements for Baccalaureate Degree**

**Credit Requirements**

- Minimum total for graduation: 120
- Upper division credits (courses numbered 300 and higher): 39
- Liberal Education Core (p. 46): 36
- Academic Concentrations (p. 50):

**Grade Point Requirements**

<table>
<thead>
<tr>
<th>Grade Point Requirements</th>
<th>p. 50</th>
<th>Grade Point Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
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</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
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<tr>
<td>Minor</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
<td></td>
</tr>
</tbody>
</table>

**University Residency Requirements**

- Minimum total: 30
- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21

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### University of Wisconsin-Eau Claire | 2019-2020 Catalog

#### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provison for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following:
- Cooperative Education
- Credit by Examination
- Satisfactory/Unsatisfactory Registration
- Transfer of Credits

#### Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Satisfactory/Unsatisfactory

- Total degree credit
- Major, Standard
- Major, Comprehensive

#### Credit by Examination

- Total degree credit

- Maximum ¼ of total
Major or minor  maximum ½ of total

Two-Year College Credits
Total degree credit  maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184  maximum 1 credit
Total Band, chorus, drama  maximum 12 credits
Single course band, chorus, drama  maximum 4 credits

Extension credits
UW-System  no maximum
Other extension/correspondence  maximum ¼ of total

USAFI
USAFI  maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS  a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)  Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)  Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)  Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)  One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)  Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)  One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  One (1) learning experiences

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
(Code 100-007)

The chemistry A.C.S. with general emphasis major is ideal for students seeking immediate employment in chemically related fields or who are uncertain about postgraduate work.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 61-semester credits, including:

Chemistry Core

Select one of the following: 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>3</td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>3</td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>6</td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>6</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 218</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>4</td>
</tr>
</tbody>
</table>

Additional Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHYS 232</td>
<td>8</td>
</tr>
<tr>
<td>MATH 114</td>
<td>3</td>
</tr>
<tr>
<td>&amp; MATH 215</td>
<td>8</td>
</tr>
</tbody>
</table>

Total Credits: 39

1 Only six credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Comprehensive Major: Chemistry, A.C.S., General Emphasis

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 352</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 433</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 434</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 444</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHEM 420</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 438</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 453</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective(s)

Select a minimum of 3 credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHEM 304</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 318</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 361</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 397</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 399</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 401</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 411</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 426</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 460</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 491</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 495</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 497</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 499</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 22

Major Requirements

Liberal Arts (Code 100-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Total</td>
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</tr>
<tr>
<td>Upper division credits</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations</td>
<td>36</td>
</tr>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
</tbody>
</table>

1 Only six credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the major.
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION Credit Restrictions

<table>
<thead>
<tr>
<th>Satisfactory/Unsatisfactory</th>
<th>Maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major, Standard</td>
<td>Maximum 1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>Maximum 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th>Maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>Maximum ½ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
<th>Maximum 72 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>Maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>Maximum 4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
<th>Maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>No maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>No maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USAFI</th>
<th>Maximum 32 credits</th>
</tr>
</thead>
</table>

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

Skills Goal
Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 100-201)

This chemistry, liberal arts major is ideal for pre-medical or pre-pharmacy students or others requiring a minor or cluster of courses outside of chemistry.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 55-semester credits, including:

Chemistry Core

Select one of the following: ¹

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>and General Chemistry II with Lab</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Lab</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Lab</td>
</tr>
</tbody>
</table>

¹CHEM 115: 3 credits (Fall only); CHEM 116: 3 credits (Spring only)
Additional Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
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</thead>
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<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>10</td>
</tr>
<tr>
<td>&amp; PHYS 232</td>
<td>and University Physics II</td>
<td></td>
</tr>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>8</td>
</tr>
<tr>
<td>&amp; MATH 215</td>
<td>and Calculus II</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits: 39

1 Only six credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Chemistry, Major - Liberal Arts Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 433</td>
<td>Physical Chemistry I</td>
<td>8</td>
</tr>
<tr>
<td>&amp; CHEM 434</td>
<td>and Physical Chemistry II</td>
<td></td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>CHEM 420</td>
<td>Advanced Synthesis Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 438</td>
<td>Physical Analysis Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 453</td>
<td>Biochemistry Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

Electives

Select 6 credits of the following: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 304</td>
<td>Environmental Chemistry</td>
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</tr>
<tr>
<td>CHEM 318</td>
<td>Bioinorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Fundamentals of Biochemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 361</td>
<td>Molecules and Medicine</td>
<td></td>
</tr>
<tr>
<td>CHEM 397</td>
<td>Chemical Literature and Communication</td>
<td></td>
</tr>
<tr>
<td>CHEM 399</td>
<td>Independent Study - Juniors</td>
<td></td>
</tr>
<tr>
<td>CHEM 401</td>
<td>Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 411</td>
<td>Survey of Industrial Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 426</td>
<td>Modern Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 444</td>
<td>Modern Applied Separations and Spectrometry</td>
<td></td>
</tr>
<tr>
<td>CHEM 460</td>
<td>Polymer Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>CHEM 495</td>
<td>Directed Studies</td>
<td></td>
</tr>
<tr>
<td>CHEM 497</td>
<td>Independent Study (ACS)</td>
<td></td>
</tr>
<tr>
<td>CHEM 499</td>
<td>Independent Study - Seniors</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits: 16

Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following:
Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory
Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

<table>
<thead>
<tr>
<th><strong>APPLICABILITY OF CREDITS TOWARD GRADUATION</strong></th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td><strong>Two-Year College Credits</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td><strong>Extension credits</strong></td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td><strong>USAFI</strong></td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

<table>
<thead>
<tr>
<th><strong>LIBERAL EDUCATION CORE REQUIREMENTS</strong></th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
</table>

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   Minimum Total 30 credits
   Senior Year 23 credits
   Major, in upper division courses 12 credits
   Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

**Early Adolescence Through Adolescence and Early Childhood through Adolescence**
(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
</tbody>
</table>

**Teaching Licensure Requirements - EA-A Licensure**

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.
   Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

### Option B: EA-A

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Code</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

**Approved Majors and Minors for Option B**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 319, ENGL 419</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>ES 360 (F)</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ES 357</td>
<td>ETS 5061</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 360 (F)</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>ES 357 (Sp)</td>
<td>ETS 5061</td>
</tr>
<tr>
<td>ES 357 (Sp)</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ES 357</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

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**Physics Emphasis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>210-003</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>210-004</td>
<td>ETS 5161 and ETS 5435</td>
</tr>
<tr>
<td>500-XXX</td>
<td>(regardless of emphasis)</td>
</tr>
</tbody>
</table>

**Mathematics Emphasis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>210-003</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>210-004</td>
<td>ETS 5161 and ETS 5435</td>
</tr>
<tr>
<td>500-XXX</td>
<td>(regardless of emphasis)</td>
</tr>
</tbody>
</table>

**Social Studies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-XXX</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>500-XXX</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

---

**Majors**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>080-205</td>
<td>Praxis II Content Test Required</td>
</tr>
<tr>
<td>100-204</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>080-205</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>100-204</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>
## Minors

<table>
<thead>
<tr>
<th>Minors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 360 (F)</td>
<td>Study abroad</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 360 (F)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 360 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Learning</td>
<td>950-471</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Disabilities</td>
<td>180-407</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>230-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political</td>
<td>420-403</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Sociology</td>
<td>480-404</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 360 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
</tbody>
</table>

### Teaching English to Speakers of Other Languages (TESOL)

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

## Admission Requirements

Admission to Professional Education Programs (p. 508)

## Major Requirements

### Teaching (Code 100-204)

The chemistry, teaching major is tailored to the needs of chemistry students interested in secondary education.

A minimum of 54-semester credits, including:

### Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

#### Chemistry Core

**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II (and)</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 106 &amp; CHEM 109</td>
<td>General Chemistry I Laboratory and General Chemistry II with Lab</td>
<td>8</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
<td>4</td>
</tr>
</tbody>
</table>

### Additional Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Credits:** 39

1 Only six credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the major.

## Capstone Experience for Chemistry Majors

The capstone experience is met by completing by CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

### Chemistry, Major - Teaching Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:
CHEM 433
& CHEM 434
Physical Chemistry I and Physical Chemistry II

One of the following:
2
CHEM 420 Advanced Synthesis Laboratory
CHEM 438 Physical Analysis Laboratory
CHEM 453 Biochemistry Laboratory

Electives
Select 5 credits of the following:
5
CHEM 304 Environmental Chemistry
CHEM 318 Bioinorganic Chemistry
CHEM 352 Fundamentals of Biochemistry
CHEM 361 Molecules and Medicine
CHEM 397 Chemical Literature and Communication
CHEM 399 Independent Study - Juniors
CHEM 401 Inorganic Chemistry
CHEM 411 Survey of Industrial Chemistry
CHEM 420 Advanced Synthesis Laboratory
CHEM 426 Modern Organic Chemistry
CHEM 438 Physical Analysis Laboratory
CHEM 444 Modern Applied Separations and Spectrometry
CHEM 453 Biochemistry Laboratory
CHEM 460 Polymer Chemistry
CHEM 491 Special Topics
CHEM 495 Directed Studies
CHEM 497 Independent Study (ACS)
CHEM 499 Independent Study - Seniors

Total Credits
15

This major is restricted to students in the College of Education and Human Sciences; Education Studies: Option B and leads to licensure to teach Chemistry in Early Adolescence through Adolescence classrooms. A minor in biology, mathematics, or physics is recommended.

Broadfield Science licensure
NOTE: Completion of the following requirements and ES 360 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A) At least 14 credits from one of the following areas:

Option 1
BIOL 214 Human Anatomy and Physiology I
BIOL 221 Foundations of Biology I
BIOL 222 Foundations of Biology II
BIOL 223 Foundations of Biological Inquiry
BIOL 314 Human Anatomy and Physiology II

Option 2
Select one of the following:

PHYS 211 General Physics
& PHYS 212 and General Physics
PHYS 231 University Physics I
& PHYS 232 and University Physics II
additional credits above 212

Option 3
Select one of the following:

GEOL 106 Earth Science
GEOL 110 Physical Geology
GEOL 115 Environmental Geology
GEOL 118 Societal Issues in Earth Science

Select one of the following:

GEOG 104 The Physical Environment
GEOG 340 Climatology
GEOG 361 Environmental Hazards

Required:

PHYS 226 Astronomy-Solar System

Additional courses from the following:

GEOG 102 Oceanography
GEOG 106 Earth Science
GEOG 110 Physical Geology
GEOG 118 Societal Issues in Earth Science
GEOG 229 Astronomy-Stars and Galaxies
GEOG 340 Introduction to Geomorphology
GEOG 340 Climatology
GEOG 363 Environmental Hazards

B) Eight credits in each of the two areas not selected in A above.

Option 1

BIOL 105 General Biology
BIOL 151 Biology of Humans

Option 2
Select one of the following:

PHYS 211 General Physics
& PHYS 212 and General Physics
PHYS 231 University Physics I
& PHYS 232 and University Physics II

Option 3
Select one of the following:

GEOL 106 Earth Science
GEOL 110 Physical Geology
GEOL 115 Environmental Geology
GEOL 118 Societal Issues in Earth Science
GEOG 104 The Physical Environment

Required:

PHYS 226 Astronomy-Solar System
or PHYS 229 Astronomy-Stars and Galaxies

Chemistry, Minor - Teaching

Teaching (Code 100-406)

Requirements:

A minimum of 24 semester credits from Chemistry, including:

Select one of the following:

CHEM 115 Chemical Principles
OR
Chemistry, Minor - Liberal Arts

Liberal Arts (Code 100-405)

A minimum of 24 semester credits, including:

Chemistry Core

Select one of the following: ¹

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I and General Chemistry II</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
</tr>
<tr>
<td>CHEM 106</td>
<td>General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHEM 109</td>
<td>General Chemistry II with Lab</td>
</tr>
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</table>

Additional Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Fundamentals of Biochemistry</td>
</tr>
</tbody>
</table>

Select a minimum of 3 elective credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 304</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>CHEM 318</td>
<td>Bioorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Physical Chemistry II</td>
</tr>
<tr>
<td>CHEM 460</td>
<td>Polymer Chemistry</td>
</tr>
</tbody>
</table>

¹ Only 6 credits of the CHEM 103/CHEM 104 or CHEM 105/CHEM 106/CHEM 109 sequence are credited to the minor.

Communication and Journalism

Hibbard Humanities Hall 152
715-836-2528
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/communication-journalism)

The Department of Communication and Journalism faculty are committed to a philosophy emphasizing the development, integration, and practical application of theories, knowledge, and skills related to communication and journalism. Communication and journalism are crucial to a democratic society. Both require citizens to share and challenge information.

Departmental Goals

To prepare students for responsible roles in communication and journalism, the department offers diversified curricula, in which all students can expect to develop in these areas:

1. awareness and knowledge of communication processes in diverse cultural, social, legal, and ethical contexts;
2. critical and analytical thinking;
3. research and information-gathering skills; and
4. oral, written, and visual communication skills.

Areas of Emphasis

The department offers majors and minors in Communication, Journalism, and Integrated Strategic Communication with the following options for areas of emphasis:

- Communication majors/minors:
  Communication: Communication Studies
  Communication: Organizational Communication

- Integrated Strategic Communication majors:
  Integrated Strategic Communication: Advertising
  Integrated Strategic Communication: Public Relations

- Integrated Strategic Communication minor

- Journalism major/minor

Information for Majors

No student may have both a major and a minor or a major and a certificate from the Department of Communication and Journalism. No major or minor credit may be earned under the Satisfactory/Unsatisfactory option. Students majoring in Communication, Journalism, and Integrated Strategic
Communication may not include CJ courses in a topical minor without prior, written approval of the department chair.

Most upper division courses (numbered 300 and above) required in major and minor programs are available only to students who have completed prerequisite courses with grades of C or above.

Students who choose a major in Integrated Strategic Communication or Journalism must meet curriculum accreditation standards set by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC).

Accreditation standards require that students complete 72 credits of coursework outside of their major, and complete the university liberal education core requirements.

**Advising Information**

Students who declare a major in the Department of Communication and Journalism as juniors or seniors should not expect to finish the courses required for that major in fewer than four semesters. When completing the paperwork to declare this major, it is particularly important for students to work out the course sequencing necessary to finish in a timely manner.

Communication and Journalism departmental policy specifies that any student who is absent from the first day of class without prior approval of the course instructor may be dropped from the class in order to make room for other students.

**Extra-Curricular Opportunities**

Communication, Journalism, and Integrated Strategic Communication majors and minors are urged to obtain practical experience from work with campus media and/or professional organizations.

Students may apply for opportunities to work for the award-winning student newspaper, The Spectator, or become a member of the nationally-ranked forensics squad. American Advertising Federation, Communication and Journalism Organization, Public Relations Student Society of America, Society of Professional Journalists and WUEC-FM also offer professional development, experience, and leadership opportunities for students.

For more information about the Communication and Journalism Department, its programs, and its faculty, visit the Department’s homepage at http://www.uwec.ly/cj.

**Faculty**

Jan Larson, Chair
Peter Hart-Brinson
Mary Hoffman
Won Yong Jang
Jack Kapfer
Kristine Knutson
Ellen Mahaffy
Karen Morris
Darrell Newton
Mary Worley
Nicole Schultz
David Tschida
Ganga Vadhavkar
Kelly Jo Wright

**Majors**

- Major: Communication, Communications Studies Emphasis, Liberal Arts - B.A./B.S. (p. 199)
- Major: Communication, Organizational Communication Emphasis, Liberal Arts - B.A./B.S. (p. 202)
- Major: Journalism, Liberal Arts - B.A./B.S. (p. 210)
- Major: Integrated Strategic Communication, Advertising Emphasis, Liberal Arts - B.A./B.S. (p. 205)
- Major: Integrated Strategic Communication, Public Relations Emphasis, Liberal Arts - B.A./B.S. (p. 207)

**Minors**

- Minor: Communication, Communication Studies, Liberal Arts (p. 202)
- Minor: Communication, Organizational Communication, Liberal Arts (p. 204)
- Minor: Journalism, Liberal Arts (p. 212)
- Minor: Integrated Strategic Communication, Liberal Arts (p. 207)

**Certificates**

- Certificate: Organizational Communication (p. 212)
- Certificate: Journalism (p. 212)
- Certificate: Integrated Strategic Communication (p. 207)
- Certificate: Social Advocacy and Change (p. 213)

**Communication, Communication Studies Emphasis, Major**

Liberal Arts (Code 583-201)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
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<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/ Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th><strong>Satisfactory/Unsatisfactory</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th><strong>Two-Year College Credits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th><strong>USAFI</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI**

| Credit Restrictions | **maximum 32 credits** |

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

#### Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 583-201)

This emphasis teaches students to analyze and enhance human communication through courses in theory, research, and practice. After completing a common core of courses, majors in this emphasis select a variety of electives including courses focused on how communication builds and maintains relationships and how messages in political and popular culture influence society.

Thirty-six semester credits, including:

<table>
<thead>
<tr>
<th>Communication Studies Core (18 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 201 Introduction to Interpersonal Communication 3</td>
</tr>
<tr>
<td>CJ 202 Fundamentals of Speech 3</td>
</tr>
<tr>
<td>CJ 206 Human Communication Theory 3</td>
</tr>
<tr>
<td>CJ 207 Introduction to Rhetoric and Society 3</td>
</tr>
<tr>
<td>CJ 300 Research Methods 3</td>
</tr>
<tr>
<td>CJ 459 Communication Research Seminar 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communication Studies Electives (12 credits, at least 9 must be at the 300-level or higher):</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 205 Listening</td>
</tr>
<tr>
<td>CJ 250 Introduction to Organizational Communication</td>
</tr>
<tr>
<td>CJ 301 Intercultural Communication</td>
</tr>
<tr>
<td>CJ 306 Topics in Advanced Interpersonal Communication</td>
</tr>
<tr>
<td>CJ 307 Small Group Communication</td>
</tr>
<tr>
<td>CJ 312 Communication and Gender</td>
</tr>
<tr>
<td>CJ 314 Mass Media and Popular Culture</td>
</tr>
<tr>
<td>CJ/WGSS 317 Diversity &amp; Communication: Organizational &amp; Media Contexts</td>
</tr>
<tr>
<td>CJ 318 Topics in Communication and Social Advocacy</td>
</tr>
<tr>
<td>CJ 357 Professional Communication</td>
</tr>
<tr>
<td>CJ 406 Persuasion</td>
</tr>
<tr>
<td>CJ 407 Leadership Communication</td>
</tr>
</tbody>
</table>
Communication, Organizational Communication Emphasis, Major

Liberal Arts (Code 583-250)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tr>
<td>Minimum total for graduation</td>
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</tr>
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</tr>
</tbody>
</table>

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Point Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
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</tr>
<tr>
<td>Resident</td>
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<tr>
<td>Major</td>
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<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
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</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>University Residency Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

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1 Certain programs exceed this minimum.

2 See special requirements in each College.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

| Credit Restrictions | Major or minor | maximum ½ of total | Major, Comprehensive | maximum 2 courses | Total degree credit | maximum 12 | Satisfactory/Unsatisfactory | Total Band, chorus, drama | maximum 12 credits | Activity credit (band, chorus, drama, KINS 100-184) | maximum 1 credit | Total KINS 100-184 | maximum 1 credit | Two-Year College Credits | maximum 72 credits | Extension credits | UW-System | no maximum | Other extension/correspondence | maximum ¼ of total |
|---------------------|----------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------------|-------------------------|---------------------|--------------------------|-----------------|--------------------------|-----------------|------------------------|-----------------|---------------------|---------------|----------------------|--------------------|

USAFAI

| USAFAI | maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

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<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

Integration Goal

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-I1">http://catalog.uwec.edu/undergraduate/attribute-I1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
</table>

Service-Learning Goal

| Service-Learning Goal | Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) | 30 hours |

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency.
as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language, (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114, (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113, (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 583-250)**
This emphasis assists students in the development of professional, group, and interpersonal communication skills that enable them to enhance the communities, organizations, and societies in which they live and work. Students learn to analyze, develop, and deliver messages to a variety of stakeholders.

<table>
<thead>
<tr>
<th>Core: 21 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 202</td>
</tr>
<tr>
<td>or CJ 203</td>
</tr>
<tr>
<td>CJ 250</td>
</tr>
<tr>
<td>CJ 300</td>
</tr>
<tr>
<td>CJ 307</td>
</tr>
<tr>
<td>CJ 355</td>
</tr>
<tr>
<td>CJ 357</td>
</tr>
<tr>
<td>CJ 459</td>
</tr>
</tbody>
</table>

**Organizational Communication Electives - 9 credits from the following:**

| CJ 201 | Introduction to Interpersonal Communication |
| CJ 301 | Intercultural Communication |
| CJ/WGSS 317 | Diversity & Communication: Organizational & Media Contexts |
| CJ 350 | Human Resource Development |
| CJ 351 | Strategic Event Planning |
| CJ 407 | Leadership Communication |
| CJ 452 | Health Communication |
| CJ 498 | Internship |

**CJ Electives: six credits (neither CJ 202 nor CJ 203 may be used as elective credits)**

| Total Credits | 36 |

**Note:** No major or minor credit may be earned under the S/U option.

**Communication, Organizational Communication Emphasis, Minor**

**Liberal Arts (Code 583-450)**

<table>
<thead>
<tr>
<th>Twenty-four semester credits, including:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 202</td>
</tr>
<tr>
<td>or CJ 203</td>
</tr>
<tr>
<td>CJ 250</td>
</tr>
<tr>
<td>CJ 300</td>
</tr>
<tr>
<td>CJ 355</td>
</tr>
<tr>
<td>CJ 357</td>
</tr>
</tbody>
</table>

Select nine credits from the following:

<p>| CJ 184 | Multimedia Communication |
| CJ 201 | Introduction to Interpersonal Communication |
| CJ 301 | Intercultural Communication |
| CJ 307 | Small Group Communication |
| CJ/WGSS 317 | Diversity &amp; Communication: Organizational &amp; Media Contexts |
| CJ 350 | Human Resource Development |</p>
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 351</td>
<td>Strategic Event Planning</td>
</tr>
<tr>
<td>CJ 406</td>
<td>Persuasion</td>
</tr>
<tr>
<td>CJ 407</td>
<td>Leadership Communication</td>
</tr>
<tr>
<td>CJ 452</td>
<td>Health Communication</td>
</tr>
</tbody>
</table>

Total Credits 24

Note: No major or minor credit may be earned under the S/U option.

### Integrated Strategic Communication, Advertising Emphasis, Major

Liberal Arts (Code 585-201)

### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td></td>
</tr>
<tr>
<td>Senior year</td>
<td>30</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>23</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Certificate</td>
<td>21</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

### Applicability of Credits Toward Graduation

#### Junior College or Two-Year College Credits

A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

#### Extension Credits

Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

### WTCS Credits

A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

### USAFI Credit

UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

#### Activity Credit (band, chorus, drama, KINS 100-184 courses)

Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

#### Other Restricted Credits

For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>Major, Standard course maximum 1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>Major, Comprehensive courses maximum 2</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>Total degree credit maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>Major or minor credit maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 credit maximum 1</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>Total Band, chorus, drama credit maximum 12</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>Single course band, chorus, drama credit maximum 4</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>Other extension/ correspondence credit maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI credit maximum 32</td>
</tr>
</tbody>
</table>


Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome</th>
<th>Learning Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1)</td>
<td>Learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome</th>
<th>Learning Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1)</td>
<td>Learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1)</td>
<td>Learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome</th>
<th>Learning Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1)</td>
<td>Learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1)</td>
<td>Learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Integration Outcome</th>
<th>Learning Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2)</td>
<td>Learning experiences</td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/service-learning">http://catalog.uwec.edu/undergraduate/service-learning</a>)</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

College Degree Requirements

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

**Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.**

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.
Major Requirements

Liberal Arts (Code 585-201)

Understanding the objectives, message concepts, and strategies which underlie advertising is the goal of this sequence. Students are prepared to conduct research, establish goals, create messages, and implement plans.

Advertising majors must complete 36 credits that include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 184</td>
<td>Multimedia Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 202</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>or CJ 203</td>
<td>Fundamentals of Human Communication</td>
<td></td>
</tr>
<tr>
<td>CJ 260</td>
<td>Introduction to Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 300</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>CJ 362</td>
<td>Strategic Media Planning</td>
<td>3</td>
</tr>
<tr>
<td>CJ 373</td>
<td>Writing for Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 413</td>
<td>Media Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CJ 464</td>
<td>Advertising in Contemporary Society</td>
<td>3</td>
</tr>
<tr>
<td>CJ 479</td>
<td>Integrated Strategic Communication Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 365</td>
<td>Advertising Message Strategy</td>
<td>3</td>
</tr>
<tr>
<td>CJ 374</td>
<td>Integrated Strategic Communication (ISC) Campaign Design and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>CJ 380</td>
<td>Visual Communication Design</td>
<td></td>
</tr>
<tr>
<td>CJ 460</td>
<td>Advertising Account Management</td>
<td></td>
</tr>
</tbody>
</table>

CJ electives: six credits (neither CJ 202 nor CJ 203 may be used as elective credits)

Total Credits 36

Note: No major or minor credit may be earned under the S/U option.

Integrated Strategic Communication, Certificate

(Code 585-601)

The Certificate in Integrated Strategic Communication is designed to teach students in a wide variety of non-communication fields to effectively communicate in a message-intensive world. Specially, they will learn how to promote their skills to the public at large and help the public build a better understanding of their chosen field and issues important to that field. The certificate will provide students with the skills and knowledge needed to identify and analyze target audiences and create messages designed for those audiences.

Fifteen semester credits, including:

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 184</td>
<td>Multimedia Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 260</td>
<td>Introduction to Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 300</td>
<td>Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

or one of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 334</td>
<td>Marketing Research</td>
<td></td>
</tr>
<tr>
<td>POLS 290</td>
<td>Introduction to Political Analysis</td>
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<tr>
<td>PSYC 271</td>
<td>Methods of Research in Psychology</td>
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</tr>
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</table>

Total Credits 24

Note: No major or minor credit may be earned under the S/U option.

Integrated Strategic Communication, Public Relations Emphasis, Major

Liberal Arts (Code 585-202)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
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<tr>
<td>Minimum total for graduation</td>
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<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
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</tbody>
</table>

Grade Point Requirements (p. 50)²

<table>
<thead>
<tr>
<th>Requirement</th>
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<tr>
<td>Total</td>
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<tr>
<td>Resident</td>
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<tr>
<td>Major</td>
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<tr>
<td>Minor</td>
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<td>Certificate</td>
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University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
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<tbody>
<tr>
<td>Minimum total</td>
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<tr>
<td>Senior year</td>
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</table>
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Major, Standard, upper division in residence</th>
<th>12</th>
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</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
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</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Campus.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 585-202)

The goal of this emphasis is to understand objectives and strategies that shape the information delivered to publics. Students are prepared to analyze, design, and manage public relations messages.

Public Relations majors must complete 36 credit hours that include:

- CJ 184 Multimedia Communication 3
- CJ 202 or CJ 203 Fundamentals of Speech 3
- CJ 260 Introduction to Integrated Strategic Communication 3
- CJ 300 Research Methods 3
- CJ 373 Writing for Integrated Strategic Communication 3
- CJ 374 Integrated Strategic Communication (ISC) Campaign Design and Evaluation 3
- CJ 413 Media Law and Ethics 3
- CJ 479 Integrated Strategic Communication Management 3

Select one of the following courses:

- CJ 272 Social Media and Communication 3
- CJ 362 Strategic Media Planning
- CJ 380 Visual Communication Design
- CJ 470 Crisis Communication

Select one of the following courses:

- CJ 301 Intercultural Communication
- CJ/WGS 317 Diversity & Communication: Organizational & Media Contexts 3
- CJ 464 Advertising in Contemporary Society 3

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.
CJ electives: six credits (neither CJ 202 nor CJ 203 may be used as elective credits)

Total Credits 36

Note: No major or minor credit may be earned under the S/U option.

Journalism, Major

Liberal Arts (Code 560-206)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

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<tr>
<th>Requirement</th>
<th>Credit</th>
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<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
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Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
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<td>Total</td>
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<td>Major</td>
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<td>Minor</td>
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<td>Certificate</td>
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University Residency Requirements (p. 50)

<table>
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<tr>
<th>Requirement</th>
<th>Percentage</th>
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<tr>
<td>Minimum total</td>
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<td>Senior year</td>
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<td>Major, Standard, upper division in residence</td>
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<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
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<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
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<tr>
<th>Credit Restrictions</th>
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<tr>
<td>Satisfactory/Unsatisfactory</td>
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<td>Total degree credit</td>
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<td>Major, Comprehensive</td>
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<td>Major or minor</td>
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<tr>
<td>Two-Year College Credits</td>
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<tr>
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Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

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Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.
Major Requirements

Liberal Arts (Code 560-206)

Understanding the role of journalism in a democratic society is the goal of this major. This major prepares students to inform citizens and enhance democracy by gathering, writing, editing and delivering news across multiple platforms.

Journalism majors must complete 36 credits hours that include:

- CJ 184 Multimedia Communication 3
- CJ 202 Fundamentals of Speech 3
- or CJ 203 Fundamentals of Human Communication 3
- CJ 222 Beginning Journalism 3
- CJ 300 Research Methods 3
- CJ 321 Intermediate Journalism 3
- CJ 413 Media Law and Ethics 3
- CJ 427 Advanced Reporting and Editing 3
- CJ 429 Digital Newsroom (capstone) 3

Select one of the following courses:

- CJ 241 Audio and Video Production Process 3
- CJ 284 Introduction to Photography 3
- CJ 380 Visual Communication Design 3

Select one of the following courses:

- CJ 301 Intercultural Communication 3
- CJ/WGSS 317 Diversity & Communication: Organizational & Media Contexts 3
- CJ 464 Advertising in Contemporary Society 3

CJ electives: six credits (neither CJ 202 nor CJ 203 may be used as elective credits) 6

Total Credits 36

Note: No major or minor credit may be earned under the S/U option.

Journalism, Minor

Liberal Arts (Code 560-406)

Twenty-four semester credits, including:

- CJ 184 Multimedia Communication 3
- CJ 202 Fundamentals of Speech 3
- or CJ 203 Fundamentals of Human Communication 3
- CJ 222 Beginning Journalism 3
- CJ 300 Research Methods 3
- CJ 413 Media Law and Ethics 3

Select nine credits of electives in CJ courses (neither CJ 202 nor CJ 203 may be used as elective credits) 9

Total Credits 24

Note: No major or minor credit may be earned under the S/U option.

Journalism, Certificate

(Code 560-601)

The Certificate in Journalism is designed for students who wish to develop understanding of the role journalism plays in a democracy and the underlying principles and practices of journalism. A combination of courses in journalism help students acquire the knowledge and introductory skills that will allow them to use the tools of journalism to develop and design reported information across media platforms. The journalism certificate aligns with the university mission as journalism fosters creativity, critical thinking, empathy for others, and intellectual courage to monitor power and question authority on behalf of the public.

Minimum of 12 credits required:

Required courses (9 credits):

- CJ 184 Multimedia Communication 3
- CJ 222 Beginning Journalism 3
- CJ 413 Media Law and Ethics 3

Elective courses (3 credits). These courses allow students to select the journalism skills that most apply to their particular interests or career aspirations.

- CJ 241 Audio and Video Production Process 3
- CJ 284 Introduction to Photography 3
- CJ 321 Intermediate Journalism 3
- CJ 322 Immersion Journalism 3

Total Credits 12

Note 1: Courses used for the certificate may not be applied to the major.

Note 2: Students majoring in any program in Communication and Journalism may not use this certificate to satisfy the graduation requirement of a second program.

Organizational Communication, Certificate

(Code 583-601)

The Certificate in Organizational Communication complements majors in every area of study by developing professional, group, and interpersonal communication skills that enable students to contribute to, and better serve, the communities, organizations and societies in which they live and work. Students in any field must be able to analyze, develop and deliver messages to a variety of stakeholders. The Certificate in Organizational Communication helps students hone these abilities by highlighting the role of communication in organizational effectiveness, and engaging students in both theory and practice. The elective course options for the certificate allow students to focus on the specific communication skills that apply most directly to their particular interests or career aspirations.

Students pursuing an Organizational Communication Certificate are required to complete 12 credits toward the certificate.

Twelve semester credits, including:

Required Courses

- CJ 250 Introduction to Organizational Communication 3
- CJ 355 Advanced Organizational Communication: Strategic Message Design 3

Select six credits from the following: 6

- CJ 184 Multimedia Communication
- CJ 201 Introduction to Interpersonal Communication
- CJ 206 Human Communication Theory
Social Advocacy and Change, Certificate

(Code 583-603)

The Certificate in Social Advocacy and Change is designed for students who wish to engage as active citizens, using communication skills and knowledge to promote change in a variety of social and political contexts including, but not limited to, human rights and environmental concerns. Active citizenship exists where individuals use communication practices and theories to advocate for change on their own behalf or on the behalf of others, and where groups seek to find common cause or concern with issues at the heart of the controversy. A combination of courses in communication studies and organizational communication help students learn the knowledge and skills that will allow them to create responsible change in their communities.

Twelve semester credits, including:

Required Courses

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<td>CJ 202</td>
<td>Fundamentals of Speech</td>
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<tr>
<td>CJ 207</td>
<td>Introduction to Rhetoric and Society</td>
<td>3</td>
</tr>
<tr>
<td>CJ 318</td>
<td>Topics in Communication and Social Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>CJ 355</td>
<td>Advanced Organizational Communication: Strategic Message Design</td>
<td>3</td>
</tr>
<tr>
<td>or CJ 406</td>
<td>Persuasion</td>
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</tr>
</tbody>
</table>

Note 1: Courses used for the certificate may not count for the student’s major program.

Note 2: Students majoring in any program in Communication and Journalism may not use this certificate to satisfy the graduation requirement of a second program.

About Us

Computer Science and Software Engineering are disciplines that combine concepts from mathematics, science, and engineering into a coherent and disciplined study of the software and hardware required for computation. The programs offered by the UW-Eau Claire Department of Computer Science provide the fundamental education necessary to prepare students for positions in industry or to pursue graduate study. The curriculum is organized so that graduates will be able to meet immediate demands for solving computational problems or designing state-of-the-art computer systems, yet also have an understanding of the basic principles and concepts in computer science needed to avoid technological obsolescence in a rapidly changing environment. This program is intended to produce computer science professionals, not merely technicians with some training in computer software and hardware. Success requires a strong aptitude in mathematics.

The Program for Majors and Minors

Department faculty constantly examine the curriculum to ensure that students gain both the breadth and depth of knowledge needed to be successful in careers in business and industry, or in graduate school. The major/minor curriculum includes:

1. Introductory courses which cover the basic principles of Computer Science.
2. The use of object-oriented and other programming paradigms.
3. An integrated blend of courses which cover the tools, knowledge, problem-solving, and programming techniques that form the basis for a successful career.
4. A capstone experience.

Departmental Honors in Computer Science

Eligibility: Students with resident and total GPAs of 3.50 or higher and a 3.50 or higher in at least 12 credits of computer science.

Procedure: A written application for Departmental Honors in Computer Science shall be approved by the research advisor and the departmental honors committee. The application and approval process must be completed no later than the end of the junior year.

Requirements:

1. The satisfactory completion of
   a. six credits of registration in Computer Science Research, including the writing of a research paper;
   b. an oral presentation to be given to at least three members of the faculty.
2. Resident and total GPAs of 3.50 or higher in both the computer science major and for all credits attempted to meet graduation requirements.
3. Participation in at least one Student ACM Programming Contest.

Information for All Students

It is strongly recommended that the student have a grade of C or above in any Computer Science course, which is to be used as a prerequisite to another course. Where a grade of C- or below is earned in a Computer Science course, the student should repeat the course before continuing.
Satisfactory/Unsatisfactory Policy
The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200 level or higher for the major or minor programs, except for CS 490.

Faculty
Jack Tan, Chair
Heather Amthauer
Christopher Johnson
Heidi Tessmer

Majors
- Major: Computer Science, Software Engineering, Liberal Arts - B.A./B.S. (p. 217)
- Comprehensive Major: Computer Science, Liberal Arts - B.A./B.S. (p. 214)

Minors
- Minor: Computer Science, Liberal Arts Emphasis (p. 217)

Certificates

Computer Programmer, Certificate
(Code 170-605)
The Department of Computer Science offers a certificate to students and working computer professionals who desire the knowledge and hands-on experience necessary to become computer programmers.

Fifteen semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td>4</td>
</tr>
<tr>
<td>or CS 148</td>
<td>Programming for Experienced Programmers</td>
<td></td>
</tr>
<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
<td>3</td>
</tr>
<tr>
<td>CS 245</td>
<td>Advanced Programming and Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CS 252</td>
<td>Computer Systems</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credits: 15

Note: Students cannot pursue the Computer Science Major and the Computer Programmer Certificate to meet graduation requirements for completing a first and second degree program.

Computer Science, Comprehensive Major
Liberal Arts (Code 170-030)

University Requirements

Graduation Requirements for Baccalaureate Degree

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation 1</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
</tbody>
</table>

Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50) 2
Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also...
be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Major or minor</th>
<th>maximum ½ of total</th>
</tr>
</thead>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
<td></td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>UW-System</th>
<th>no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI**

| USAFI | maximum 32 credits |

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>

**Integration Goal**

| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |

| Service-Learning Goal | Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) | 30 hours |

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is
required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 170-030)

This major is recommended for students who desire a strong foundation in software design and development, computer systems and networking, and mathematics.

A minimum of sixty semester credits, including:

Computer Science core (39 crs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td>4</td>
</tr>
<tr>
<td>or CS 148</td>
<td>Programming for Experienced Programmers</td>
<td>4</td>
</tr>
<tr>
<td>CS 146</td>
<td>The Big Picture in Computer Science</td>
<td>1</td>
</tr>
<tr>
<td>CS 245</td>
<td>Advanced Programming and Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CS 252</td>
<td>Computer Systems</td>
<td>4</td>
</tr>
<tr>
<td>CS 260</td>
<td>Database Systems</td>
<td>4</td>
</tr>
<tr>
<td>CS 268</td>
<td>Web Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 330</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 335</td>
<td>Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CS 352</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CS 355</td>
<td>Software Engineering I</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics Core (15 crs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 314</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

A Computer Science elective, selected from one of the following:

Option 1
Select a minimum of six credits of electives chosen from the following and not already included in the Computer Science core:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 278</td>
<td>Digital System Design</td>
<td></td>
</tr>
<tr>
<td>CS 291</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>CS 321</td>
<td>Web Design and Development</td>
<td></td>
</tr>
<tr>
<td>CS 322</td>
<td>Animation Programming</td>
<td></td>
</tr>
<tr>
<td>CS 370</td>
<td>Computer Security</td>
<td></td>
</tr>
<tr>
<td>CS 376</td>
<td>Cryptography and Network Security</td>
<td></td>
</tr>
<tr>
<td>CS 388</td>
<td>UNIX Systems Programming</td>
<td></td>
</tr>
<tr>
<td>CS 399</td>
<td>Independent Study - Juniors</td>
<td></td>
</tr>
<tr>
<td>CS 420</td>
<td>Artificial Intelligence</td>
<td></td>
</tr>
<tr>
<td>CS 436</td>
<td>Mobile Software Development</td>
<td></td>
</tr>
<tr>
<td>CS 450</td>
<td>Theory of Computation</td>
<td></td>
</tr>
<tr>
<td>CS 455</td>
<td>Computer Graphics</td>
<td></td>
</tr>
<tr>
<td>CS 485</td>
<td>Software Engineering II</td>
<td></td>
</tr>
<tr>
<td>CS 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>CS 498</td>
<td>Computer Science Internship</td>
<td></td>
</tr>
</tbody>
</table>

Or other courses designated by the department (six-seven credits; recommended for students considering industry employment)

Option 2
Select six credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 482</td>
<td>Research in Computer Science I</td>
<td>1</td>
</tr>
<tr>
<td>CS 492</td>
<td>Research in Computer Science II</td>
<td>1</td>
</tr>
</tbody>
</table>

1 Additional capstone and research experience; recommended for students considering graduate school

For a degree in Computer Science, a student must:

Required courses not counted toward credits in major:

Complete one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 202</td>
<td>Fundamentals of Speech</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
<td></td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHL 308</td>
<td>Ethics in Computing and Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

Complete one lab science sequence chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 211</td>
<td>General Physics</td>
<td></td>
</tr>
<tr>
<td>&amp; PHYS 212</td>
<td>and General Physics</td>
<td></td>
</tr>
</tbody>
</table>

OR
PHYS 231  University Physics I
& PHYS 232  and University Physics II

Note: The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200 level or higher for the major or minor programs, except for CS 490.

Computer Science, Liberal Arts Emphasis, Minor

Liberal Arts (Code 170-401)

Twenty-four semester credits, including:

- CS 145  Programming for New Programmers  4
  or CS 148  Programming for Experienced Programmers
- CS 245  Advanced Programming and Data Structures  4
- CS 252  Computer Systems  4
- CS 260  Database Systems  4

Nine credits selected from:

- CS 268  Web Systems  
- CS 278  Digital System Design  
- CS 291  Special Topics  
- CS 321  Web Design and Development  
- CS 335  Algorithms  
- CS 370  Computer Security  
- CS 376  Cryptography and Network Security  
- CS 388  UNIX Systems Programming  
- CS 399  Independent Study - Juniors  
- CS 420  Artificial Intelligence  
- CS 436  Mobile Software Development  
- CS 450  Theory of Computation  
- CS 455  Computer Graphics  
- CS 462  Computer Networks  
- CS 491  Special Topics  
- CS 498  Computer Science Internship  
  or other courses designated by the department and not already included in the minor.

Note: The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200 level or higher for the major or minor programs, except for CS 490.

Computer Science, Software Engineering, Major

Liberal Arts (Code 170-205)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
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</tr>
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<td>36</td>
</tr>
</tbody>
</table>

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
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</tr>
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</tr>
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</tr>
<tr>
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<td>2.00 average</td>
</tr>
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University Residency Requirements (p. 50)

<table>
<thead>
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<th>Requirement</th>
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</tr>
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<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

**Activity credit (band, chorus, drama, KINS 100-184)**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total KINS 100-184</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 1 credit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total Band, chorus, drama</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Single course band, chorus, drama</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Other extension/ correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Skills Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Responsibility Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Integration Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Integration Outcome 1 (I1): Integration</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is
required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 170-205)

This major is recommended for students who desire a strong foundation in software design and development.

A minimum of 42 semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td>4</td>
</tr>
<tr>
<td>or CS 148</td>
<td>Programming for Experienced Programmers</td>
<td></td>
</tr>
<tr>
<td>CS 146</td>
<td>The Big Picture in Computer Science</td>
<td>1</td>
</tr>
<tr>
<td>CS 245</td>
<td>Advanced Programming and Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CS 252</td>
<td>Computer Systems</td>
<td>4</td>
</tr>
<tr>
<td>CS 260</td>
<td>Database Systems</td>
<td>4</td>
</tr>
<tr>
<td>CS 268</td>
<td>Web Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 330</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CS 335</td>
<td>Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CS 352</td>
<td>Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CS 355</td>
<td>Software Engineering I</td>
<td>3</td>
</tr>
</tbody>
</table>

A Computer Science elective, selected from one of the following options:

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select a minimum of three credits of electives chosen from the following:</td>
</tr>
<tr>
<td></td>
<td>Computer Science courses not already included in the Software Engineering core:</td>
</tr>
<tr>
<td>CS 278</td>
<td>Digital System Design</td>
</tr>
<tr>
<td>CS 291</td>
<td>Special Topics</td>
</tr>
<tr>
<td>CS 321</td>
<td>Web Design and Development</td>
</tr>
<tr>
<td>CS 322</td>
<td>Animation Programming</td>
</tr>
<tr>
<td>CS 370</td>
<td>Computer Security</td>
</tr>
<tr>
<td>CS 376</td>
<td>Cryptography and Network Security</td>
</tr>
<tr>
<td>CS 388</td>
<td>UNIX Systems Programming</td>
</tr>
<tr>
<td>CS 399</td>
<td>Independent Study - Juniors</td>
</tr>
<tr>
<td>CS 420</td>
<td>Artificial Intelligence</td>
</tr>
<tr>
<td>CS 436</td>
<td>Mobile Software Development</td>
</tr>
<tr>
<td>CS 450</td>
<td>Theory of Computation</td>
</tr>
<tr>
<td>CS 455</td>
<td>Computer Graphics</td>
</tr>
<tr>
<td>CS 462</td>
<td>Computer Networks</td>
</tr>
<tr>
<td>CS 491</td>
<td>Special Topics</td>
</tr>
<tr>
<td>CS 498</td>
<td>Computer Science Internship</td>
</tr>
</tbody>
</table>

Or other courses designated by the department (three-four credits; recommended for students considering industry employment)

<table>
<thead>
<tr>
<th>Option 2</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select a minimum of six credits from:</td>
</tr>
<tr>
<td>CS 482</td>
<td>Research in Computer Science I</td>
</tr>
<tr>
<td>CS 492</td>
<td>Research in Computer Science II</td>
</tr>
</tbody>
</table>

Additional capstone and research experience; recommended for students considering graduate school

NOTE 1: MATH 114 or equivalent is required.

NOTE 2: MATH 314 or equivalent is required.

NOTE 3: CJ 202, ENGL 312, or ENGL 313 must be completed for a degree in Computer Science, Software Engineering.

NOTE 4: The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200 level or higher for the major or minor programs, except for CS 490.

Economics

Schneider Social Science 476
715-836-5743
Department Website (https://www.uwec.edu/academics/college-arts-sciences/ departments-programs/economics)

What is Economics?

Economics is a study of people in the ordinary business of life; it examines that part of individual and social action which is most closely connected with the attainment and with the use of the material requirements for wellbeing. Thus it
is on one side a study of material wealth; and on the other, and more important side, a part of the study of people. The Department of Economics believes that understanding economics requires both learning economic theory and applying that theory. To this end, the department encourages internships, student/faculty collaborative research activities, small-group learning, and applied projects.

To aid our graduates in the transition to employment or further education, the department sponsors trips to area graduate schools and visits by individuals employed in economics-related occupations and it maintains a file of alumni mentors.

### Honor Societies and Student Organizations

Omicron Delta Epsilon (Economics Honors Society) and Student Economics Association.

For more information on either organization, see the Department Chair.

### Departmental Honors Program in Economics

**Entrance Requirements:**

1. Majors who have completed at least the two introductory economics courses with a GPA in economics courses of 3.50 or higher, and resident and total GPAs of 3.35 or higher,
2. and submit a written application before the beginning of the senior year for approval by the Economics Department faculty.
3. Requirements for Continued Participation: If at any time a student’s resident and total GPAs fall below 3.35, or a student’s GPA in economics courses falls below 3.20, that student will no longer be eligible to participate in the program.

**Graduation Requirements:**

1. Complete the requirements for an economics major, including ECON 316.
2. Complete at least six credits in the department’s Honors Seminars taught by graduate faculty. If unable to schedule six credits of seminar, the student can petition the department to replace three credits of Honors Seminar with three credits of Honors Independent Study.
3. Satisfactory completion of an Honors paper under the direction of a department member of the graduate faculty.
4. Satisfactory completion of an oral examination, conducted by at least three faculty members, on economic theory (ECON 303 and ECON 304) and on the student’s Honors Paper.
5. Resident and total GPAs of 3.50 or higher at graduation for all courses and in Economics Department courses. For more information, see the Department Chair.

### Faculty

Thomas Kemp, Chair

Rose-Marie Avin
Wayne Carroll
Maria DaCosta
Eric Jamelske
Yan Li
David Schaffer
David Wolf

---

### Certificates

- **Certificate: Economics of Global Issues (p. 220)**

### Economics of Global Issues, Certificate

This Certificate provides students an opportunity to develop their global competency. One of the goals of UWEC is to provide students with “globally infused curricular and co-curricular experiences.” This Certificate will also complement other programs on campus, such as the Global Studies minor, the Latin American Studies major/minor, the Women’s, Gender, and Sexuality Studies major/minor, and other programs in Political Science.

**Entrance Requirements:**

12 semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 351</td>
<td>International Economics</td>
<td></td>
</tr>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
<td></td>
</tr>
<tr>
<td>ECON 355</td>
<td>Economic Development</td>
<td></td>
</tr>
<tr>
<td>ECON/LAS 356</td>
<td>Economic Development of Latin America</td>
<td></td>
</tr>
<tr>
<td>ECON/WGSS 357</td>
<td>Women and Economic Development</td>
<td></td>
</tr>
<tr>
<td>ECON 390</td>
<td>Global Economics Immersion Experience</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits:** 12

Note: Students cannot pursue the Economics Major and the Economics of Global Issues Certificate to meet graduation requirements for completing a first and second degree program. Courses taken for the certificate cannot be applied to the student’s major program.

---

### Economics, Business, Comprehensive Major

**Entrance Requirements**

**Graduation Requirements for Baccalaureate Degree**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>Upper division credits (courses numbered 300 and higher)</th>
<th>Liberal Education Core (p. 46)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120</td>
<td>39</td>
<td>36</td>
</tr>
</tbody>
</table>
**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25%</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

---

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 100-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Learning Goal</th>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge</td>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**Knowledge Goal**

- Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
- Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
- Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) **One (1)** learning experience  

**Skills Goal**  
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) **Two (2)** learning experiences  
One S1 must meet the University Writing Requirement (p. 49)  

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) **One (1)** learning experience  
One S2 to meet the University Mathematics Requirement (p. 50)  

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) **One (1)** learning experience  

**Responsibility Goal**  
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) **Two (2)** learning experiences  
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)  

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) **One (1)** learning experience  
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) **One (1)** learning experience  

**Integration Goal**  
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) **Two (2)** learning experiences  

**Service-Learning Goal**  
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) **30 hours**  

**College Degree Requirements**  
**Bachelor of Business Administration Degree Requirements**  

**Credits for Graduation**  
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

**Student Professional Development Program**  
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

**Grade Point Requirements**  
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

**Major Requirements**  
(Code 360-002)

Proficiency Requirement:  
MATH 111 or MATH 114 or equivalent. Does not count toward credits in the major.

**The BUSCORE**  
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

**BUSCORE Courses**  
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>1</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>1</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 449</td>
<td>Strategic Management in a Global Business Environment</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits: **28**

1. Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2. MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

A Bachelor of Business Administration degree with a comprehensive major in economics consists of the 28 credit BUSCORE, and completion of 32 additional credits as follows:

**Economics, Business, Comprehensive Major**  
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>
University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

1. Obtain admission to the degree program and/or the College offering it.
2. Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

ECON 104 Principles of Macroeconomics 3
ECON 303 Intermediate Microeconomic Theory 3
ECON 304 Intermediate Macroeconomic Theory 3
ECON 316 Econometrics 3
MATH 246 Elementary Statistics 1 4

Electives from the following courses, bringing total credits in the major to 60:

- ECON 308 Essentials of Managerial Economics
- ECON 311 History of Economic Thought
- ECON 315 Elements of Mathematical Economics
- ECON 318 Business Fluctuations and Forecasting
- ECON 321 Money and Banking
- ECON 325 Public Economics
- ECON 331 Government and Business
- ECON 335 Labor Economics
- ECON 351 International Economics
- ECON 353 Economics of Pacific Asia
- ECON 355 Economic Development
- ECON 366 Behavioral Economics
- ECON 371 Current Economic Problems
- ECON 375 Urban Economics
- ECON 399 Independent Study - Juniors
- ECON 491 Special Topics
- ECON 492 Honors Seminar
- ECON 494 Academic Internship
- ECON 495 Directed Studies
- ECON 496 Honors Independent Study
- ECON 498 Professional Internship
- ECON 499 Independent Study - Seniors
- FIN 322 Investments
- FIN 327 Long Term Financial Management

No more than two courses from the following:

- ECON 268 Environmental Economics
- ECON 280 Health Economics
- ECON 329 Lifetime Investing Principles and Strategies
- ECON 330 Experiences of Minoritized Groups in U.S. Economy
- ECON/WGSS 337 Women and the Labor Market
- ECON/LAS 356 Economic Development of Latin America
- ECON/WGSS 357 Women and Economic Development Experience
- ECON 390 Global Economics Immersion Experience

1. A student may substitute MATH 347 for MATH 246 in the major.

NOTE: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

Economics, Major - Liberal Arts

Liberal Arts (Code 360-200)
Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

**Satisfactory/Unsatisfactory**
- Total degree credit: maximum 12
- Major, Standard: maximum 1 course
- Major, Comprehensive: maximum 2 courses

**Credit by Examination**
- Total degree credit: maximum ¼ of total
- Major or minor: maximum ½ of total

**Two-Year College Credits**
- Total degree credit: maximum 72 credits

**Activity credit (band, chorus, drama, KINS 100-184)**
- Total KINS 100-184: maximum 1 credit
- Total Band, chorus, drama: maximum 12 credits
- Single course band, chorus, drama: maximum 4 credits

**Extension credits**
- UW-System: no maximum
- Other extension/ correspondence: maximum ¼ of total

**USAIFI**
- USAFI: maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**
- a minimum of 36 credits

**Knowledge Goal**
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
- Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
- Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
- Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
- One (1) learning experience

**Skills Goal**
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)
- Two (2) learning experiences
  - One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)
- One (1) learning experience
  - One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)
- One (1) learning experience

**Responsibility Goal**
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)
- Two (2) learning experiences
  - One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
- One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
- One (1) learning experience

**Integration Goal**
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
- Two (2) learning experiences

**Service-Learning Goal**
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)
- 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements: All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and
total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 360-200)**

Thirty-six semester credits in economics and supporting courses, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 303</td>
<td>Intermediate Microeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 304</td>
<td>Intermediate Macroeconomic Theory</td>
<td>3</td>
</tr>
<tr>
<td>ECON 316</td>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Students may count a maximum of three courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
</tr>
<tr>
<td>ECON 268</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>ECON 280</td>
<td>Health Economics</td>
</tr>
<tr>
<td>ECON 329</td>
<td>Lifetime Investing Principles and Strategies</td>
</tr>
<tr>
<td>ECON 330</td>
<td>Experiences of Minoritized Groups in U.S. Economy</td>
</tr>
<tr>
<td>ECON/WGSS 337</td>
<td>Women and the Labor Market</td>
</tr>
<tr>
<td>ECON/LAS 356</td>
<td>Economic Development of Latin America</td>
</tr>
<tr>
<td>ECON/WGSS 357</td>
<td>Women and Economic Development</td>
</tr>
<tr>
<td>ECON 390</td>
<td>Global Economics Immersion Experience</td>
</tr>
</tbody>
</table>

A student may substitute MATH 347 for MATH 246 in the major.

NOTE 1: MATH 111 or MATH 114 or their equivalent must be completed as part of the Liberal Education requirements.

NOTE 2: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

**Economics, Major - Teaching**

**Teaching (Code 360-204)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations</td>
<td>50</td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50) 2**

<table>
<thead>
<tr>
<th>Grade Point</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

**Certification**

<table>
<thead>
<tr>
<th>Certification</th>
<th>Percent of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 percent</td>
<td></td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

NOTE 1: Certain programs exceed this minimum.

NOTE 2: See special requirements in each College.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum 1/4 of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum 1/2 of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

Single course band, chorus, drama | maximum 4 credits

Extension credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum 1/4 of total</td>
</tr>
</tbody>
</table>

USAFI Credit

| Credit Restrictions | Maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity 1 (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>) Two (2) learning experiences</th>
</tr>
</thead>
</table>
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

### College Degree Requirements

#### University Requirements in Teacher Education in the College of Education and Human Sciences

#### College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

#### Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

#### Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
</tbody>
</table>

### Teaching Licensure Requirements - EA-A Licensure

#### Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

#### Option B: EA-A

#### Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446 or ES 475</td>
<td>Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
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Approved Majors and Minors for Option B
<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Majors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>210-003</td>
<td>ES 357 (Sp)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

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<tr>
<th>Majors</th>
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<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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</table>

<table>
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<tr>
<th>Minors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
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</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td>no add'l exam</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
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</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Learning Disabilies</td>
<td>950-471</td>
<td>ES 366 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political</td>
<td>420-403</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Science</td>
<td>480-404</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Teaching</td>
<td>550-408</td>
<td>ES 405 (F)</td>
<td>1 yr college level foreign language</td>
<td>ETS 5362</td>
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</tbody>
</table>

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<td>ENGL 319, ENGL 419</td>
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</tr>
<tr>
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<tr>
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<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
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</tr>
</tbody>
</table>

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

**Admission Requirements**

Admission to Professional Education Programs (p. 508)

**Major Requirements**

**Teaching (Code 360-204)**

Thirty-six semester credits in economics and supporting courses, including:

- ECON 103 Principles of Microeconomics 3
- ECON 104 Principles of Macroeconomics 3
- ECON 303 Intermediate Microeconomic Theory 3
- ECON 304 Intermediate Macroeconomic Theory 3
- MATH 246 Elementary Statistics 4

Additional credits must be selected primarily from the following:

- ECON 308 Essentials of Managerial Economics
- ECON 311 History of Economic Thought
- ECON 315 Elements of Mathematical Economics
- ECON 316 Econometrics
- ECON 318 Business Fluctuations and Forecasting
- ECON 321 Money and Banking
ECON 325  Public Economics  
ECON 331  Government and Business  
ECON 335  Labor Economics  
ECON 351  International Economics  
ECON 353  Economics of Pacific Asia  
ECON 355  Economic Development  
ECON 366  Behavioral Economics  
ECON 371  Current Economic Problems  
ECON 375  Urban Economics  
ECON 399  Independent Study - Juniors  
ECON 491  Special Topics  
ECON 492  Honors Seminar  
ECON 494  Academic Internship  
ECON 495  Directed Studies  
ECON 496  Honors Independent Study  
ECON 498  Professional Internship  
ECON 499  Independent Study - Seniors  

Students may, if they wish, count a maximum of two courses from the following:  
ECON 268  Environmental Economics  
ECON 280  Health Economics  
ECON 329  Lifetime Investing Principles and Strategies  
ECON 330  Experiences of Minoritized Groups in U.S. Economy  
ECON 390  Global Economics Immersion Experience  
ECON/LAS 356  Economic Development of Latin America  
ECON/WGSS 337  Women and the Labor Market  
ECON/WGSS 357  Women and Economic Development  
ACCT 201  Introduction to Accounting  

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.  

NOTE: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.  

Economics, Minor - Teaching  
Teaching (Code 360-404)  
  Twenty-four semester credits, including:  
  ECON 103  Principles of Microeconomics  3  
  ECON 104  Principles of Macroeconomics  3  
  ECON 303  Intermediate Microeconomic Theory  3  
  ECON 304  Intermediate Macroeconomic Theory  3  
  Remaining credits in Economics electives  
    Maximum of two courses from the following:  
    ECON 268  Environmental Economics  
    ECON 280  Health Economics  
    ECON 321  Money and Banking  
    ECON 329  Lifetime Investing Principles and Strategies  
    ECON 330  Experiences of Minoritized Groups in U.S. Economy  
    ECON 390  Global Economics Immersion Experience  
    ECON/LAS 356  Economic Development of Latin America  
    ECON/WGSS 337  Women and the Labor Market  
    ECON/WGSS 357  Women and Economic Development  
  NOTE: This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.  

English  
Centennial Hall 4102  
715-836-2639  
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/english)  

English, as an academic discipline, encompasses the study of literature, literary theory, critical/cultural theory, film, creative writing, professional writing, rhetoric, teaching, and linguistics. In English courses, students develop strong critical thinking and analytical skills; they learn to read with interpretive power and write with fluency, power, and precision; and they apply a variety of research strategies and methods.  

Advising Information  
The English Department maintains updated advising guides and four-year degree plans for all of its majors, minors, and certificates; these materials are available in the English Department office and on the English Department website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/english).
Students contemplating a major, minor, or certificate in English are encouraged to make an appointment in the English Department office with the Director of Undergraduate Studies in English.

**Programs**

Students at UW-Eau Claire may focus their studies in English by choosing a major, minor, or certificate in one of many areas of emphasis. A standard major, which must be taken in conjunction with a second program, may be pursued in one of five emphases: Creative Writing; Critical Studies in Literatures, Cultures, and Film; Linguistics; Rhetorics of Science, Technology, and Culture; and Teaching. The teaching emphasis may also be taken as a comprehensive major, which does not need a second program. The English Department offers minors in the following four emphases: Creative Writing; Critical Studies in Literatures, Cultures, and Film; Rhetorics of Science, Technology, and Culture; and Teaching and also offers a certificate in Critical Studies in Literatures, Cultures, and Film and Rhetorics of Science, Technology, and Culture. The English Department administers the College of Arts and Sciences Interdisciplinary Linguistics minor and the Interdisciplinary Linguistics certificate. Each program in English offers students a framework of core English courses and a focused concentration of courses in the emphasis.

All English majors take three core courses, designed to provide a strong foundation in English studies:

- ENGL 210 Introduction to Critical Studies 5
- ENGL 221 Introductory English Linguistics 3
- ENGL 284 Introduction to Theory and Criticism 3

ENGL 210 provides students with an understanding of textuality and how texts function within historicized cultural contexts. All English minors take ENGL 210 as their one core English course. ENGL 221 introduces students to the scientific study of language, including linguistic structure, the history of the English language, and language acquisition. ENGL 284 provides a broadly conceived understanding of theory and criticism, and introduces students to the practice of self-reflectively theorizing and critiquing within the field of English. These core courses provide students with a strong basis for their work in the discipline.

Our English programs are designed to give students focused study in a particular area or emphasis. Students deepen their study of English through intermediate and advanced coursework in their specific emphasis and have many opportunities to integrate their previous learning by producing major groups; ENGL 779: Studies in Themes and Genres

**Bachelor's & Master's Dual Degree Pathway**

Students who are English majors, English minors, or majors in a related field may apply for conditional admission to the MA Program in English and begin taking graduate-level coursework as an undergraduate student.

Criteria for admission to the Bachelor’s & Master’s Dual Degree Pathway:

- undergraduate student at UWEC
- overall GPA of 3.5
- at least 15 credits of English department coursework

- GPA of 3.75 in English courses; students with an English GPA of less than 3.75 may be considered if there is convincing evidence that they are capable of excelling in graduate coursework
- 90 credits (earned or in progress) before taking courses in the dual degree pathway

Students in the Bachelor’s & Master’s Dual Degree Pathway will earn up to 12 confirming credits toward their undergraduate degree for graduate coursework. For 500- and 600-level graduate courses, students will earn confirming credit for the corresponding course at the 300- and 400-level, respectively; for example, ENGL 507 Editing and Publications Management will appear on the undergraduate transcript as ENGL 307 Editing and Publications Management and ENGL 611 Creative Writing Workshop - Fiction will appear on the undergraduate transcript as ENGL 411 Creative Writing Workshop - Fiction. For 700-level graduate courses, students will earn confirming credit as follows.

**Enroll for Graduate Credit in**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 410</td>
<td>Creative Writing Workshop - Poetry</td>
</tr>
<tr>
<td>ENGL 448</td>
<td>Seminar in Critical Theory</td>
</tr>
<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
</tr>
<tr>
<td>ENGL 473</td>
<td>Studies in World/Postcolonial Literature</td>
</tr>
<tr>
<td>ENGL 474</td>
<td>Studies in North American Literature</td>
</tr>
<tr>
<td>ENGL 507</td>
<td>Editing and Publications Management</td>
</tr>
<tr>
<td>ENGL 551</td>
<td>Seminar in World/Literature Since 1865</td>
</tr>
<tr>
<td>ENGL 552</td>
<td>Seminar in World/Literature Before 1865</td>
</tr>
<tr>
<td>ENGL 553</td>
<td>Seminar in British Literature After 1790</td>
</tr>
<tr>
<td>ENGL 554</td>
<td>Seminar in British Literature Since 1865</td>
</tr>
</tbody>
</table>

**Earn Confirming Undergraduate Credit in**

<table>
<thead>
<tr>
<th>Course Code</th>
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<td>ENGL 410</td>
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</tr>
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<td>Editing and Publications Management</td>
</tr>
<tr>
<td>ENGL 551</td>
<td>Seminar in World/Literature Since 1865</td>
</tr>
<tr>
<td>ENGL 552</td>
<td>Seminar in World/Literature Before 1865</td>
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<tr>
<td>ENGL 553</td>
<td>Seminar in British Literature After 1790</td>
</tr>
<tr>
<td>ENGL 554</td>
<td>Seminar in British Literature Since 1865</td>
</tr>
</tbody>
</table>
ENGL 468: Seminar in American Ethnic Literature
ENGL 452: Seminar in Early British Literature
ENGL 459: Seminar in British Literature After 1790
ENGL 481: Seminar in Film, Video, and Moving-Image Culture
ENGL 496: Seminar in Women's Literature
ENGL 789: Studies in Theory and Culture
ENGL 484: Seminar in Critical Theory

For courses without a one-to-one equivalency, the undergraduate course equivalency will be determined based on the graduate course theme in consultation with the Director of Graduate Studies in English.

For more information about the Bachelor’s & Master’s Dual Degree Pathway, please see the program web page (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/english/academic-offerings/graduate-program/bachelors-masters-dual-degree-program) or contact the Director of Graduate Studies in English.

Departmental Honors Program, Student Organizations, and Other Opportunities

We believe that getting involved beyond the classroom in the major/minor enhances students' college experience and gives them valuable career-building and life-enriching skills. Please visit the English department website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/english) for information about these opportunities.

- **Departmental Honors Program in English**—engage in high impact research, creative, and integrative opportunities. The Departmental Honors Program fosters integrative learning through independent and collaborative experiences, promotes advanced engagement with scholarly resources, and recognizes outstanding achievement in academic and scholarly activity.
- **English Festival**—organize events and activities of interest to English majors, minors, and faculty.
- **English Ambassadors**—promote the department at recruitment events, mentor English majors/minors, and advise the department on student concerns.
- **NOTA (None of the Above)**—contribute to the creation of the campus’ creative literary and arts publication and host events promoting the literary and creative arts.
- **Sigma Tau Delta/Theta Zeta Chapter**—English honor society committed to fostering relationships between students and faculty and inspiring students to promote their love of English to the campus and local community through service projects and activities.
- **Center for Writing Excellence Writing Assistants & Writing Fellows**—tutor in the Center for Writing Excellence or assist professors in writing-intensive courses.
- **Student Mentors/Student Academic Apprentices**—mentor or apprentice in an English or Writing course.
- **Writing Internships**—build your writing and professional skills by working for community agencies or businesses in the Chippewa Valley.

**General Restrictions**

**Auditors** will be admitted to writing courses only with the written permission of the instructor and the department chair.

**English for Non-Native Speakers.** The beginning composition course for non-native speakers of English is ordinarily ESL 305 (contact Department of Languages) followed by a first-year writing course offered by the English Department.

**Faculty**

Erica J. Benson, Chair
José Alvergue
Debra K.S. Barker
Dorothy Chan
Ruth Cronje
Stephanie Farrar
Joel Friederich
B.J. Hollars
Lucy Johnson
David Jones
Theresa D. Kemp
Allyson Loomis
Jon Loomis
Carmen Manning
Robert Nowlan
Joel Pace
Molly Patterson
Cathy Rex
Jonathan Rylander
Asha Sen
David Shih
Kaia Simon
Jan Stirm
Stacy Thompson
Stephanie Turner
Quentin Vieregge
Blake Westerlund
Lynsey Wolter

** Majors**

- Major: English, Linguistics, Liberal Arts - B.A./B.S. (p. 247)
- Major: English, Critical Studies in Literatures, Cultures, and Film, Liberal Arts - B.A./B.S. (p. 241)
- Major: English, Creative Writing, Liberal Arts - B.A./B.S. (p. 236)
- Major: English, Rhetorics of Science, Technology, and Culture, Liberal Arts - B.A./B.S. (p. 255)
- Major: English, Teaching - B.A. (p. 251)
- Comprehensive Major: English, Teaching - B.A. (p. 232)

** Minors**

- Minor: English, Critical Studies in Literatures, Cultures, and Film, Liberal Arts (p. 245)
- Minor: English, Creative Writing, Liberal Arts (p. 239)
- Minor: English, Early Adolescence/Adolescence, Teaching (p. 246)
- Minor: English, Rhetorics of Science, Technology, and Culture, Liberal Arts (p. 259)
Certificates
- Certificate: Critical Studies in Literatures, Cultures, and Film (p. 244)
- Certificate: Rhetorics of Science, Technology, and Culture (p. 258)

English, Comprehensive Major - Teaching
Teaching (Code 540-006)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions
Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses
Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total
Two-Year College Credits
Total degree credit maximum 72 credits
Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits
Extension credits
UW-System no maximum
Other extension/ correspondence maximum ¼ of total
USAFI USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)

One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)

30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2 (Social Sciences)</td>
<td>PSYC 260 Educational Psychology 3 AND another learning experience</td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major) 2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major) 3</td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major) 2</td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through
adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

**Comprehensive Majors**

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science 160-015</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science 1</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics 1</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>

**Majors**

<table>
<thead>
<tr>
<th>Major</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td></td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

**Minors**

<table>
<thead>
<tr>
<th>Minor</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td></td>
<td>no addtl exam</td>
</tr>
<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad WPT and OPI or OPIc</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language WPT and OPI or OPIc</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-471</td>
<td>ES 360</td>
<td></td>
<td>ETS 5146</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
</tbody>
</table>
Physics 230-403 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

Political Science 420-403 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Sociology 480-404 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Spanish 320-405 ES 366 (F) Study abroad in language WPT and OPI or OPIc

Teaching English to Speakers of Other Languages (TESOL)

550-408 ES 405 (F) 1 yr college level foreign language

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements
Admission to Professional Education Programs (p. 508)

Major Requirements
Teaching (Code 540-006)

Core (11 credits)
ENGL 210 Introduction to Critical Studies 5
ENGL 221 Introductory English Linguistics 3
ENGL 284 Introduction to Theory and Criticism 3

Emphasis Requirements
LMED 306 Literature For Adolescents 3
ENGL 257 Representative Shakespeare 3
or ENGL 357 Shakespearean Topics
ENGL 319 Introduction to English Education Methods 3
ENGL 419 Seminar in English Education Methods 3

Literature/Culture Requirements
27 credits of English courses:

Minimum of 15 credits from the following categories but no more than two courses from any one category: British Literature/Culture, American Literature/Culture, World/Post-Colonial Literature/ Culture, American Ethnic Literature/ Culture, or Women’s Literature/Culture

Maximum of 12 credits from the following options and no more than one course from any categorical area: ENGL 397, Creative Writing, Rhetorics of Science, Technology, and Culture, Linguistics, or Theory and Film courses

No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

At least three credits at the 400-level

Related Discipline Courses
Select one of the following: CJ 201 CJ 202 CJ 205

Introduction to Interpersonal Communication Fundamentals of Speech Listening

Electives
Select six credits from the following:

6

200- or 300-level LE K2 or K3 courses (not ENGL)
ES 405 Teaching English to Speakers of Other Languages

200- or 300-level LE K2 or K3 courses (not ENGL)

CJ 105 Communication in Contemporary Society
CJ 222 Beginning Journalism
CJ 241 Audio and Video Production Process
CJ 307 Small Group Communication
CSD 150 Introduction to Communication Sciences and Disorders
CSD 257 Normal Communication Development
CSD 311 Language Development and Disorders: Related Disciplines
FLG 378 Second Language Acquisition Theory

NOTE: No more than six credits of electives may be taken.

The Comprehensive English Teaching major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See advisor for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

Information for English Majors and Minors

British Literature/Culture before 1790

ENGL 252 Perspectives on Pre-1790 British Literature 3
ENGL 257 Representative Shakespeare 3
ENGL 351 Chaucer and His Age 3
ENGL 352 Topics in British Literature Before 1790 3
ENGL 357 Shakespearean Topics 3
ENGL 452 Seminar in Early British Literature 3

British Literature/Culture after 1790

ENGL 259 Perspectives on British Literature After 1790 3
ENGL 359 Topics in British Literature After 1790 3
ENGL 362 Studies in Transatlantic Romanticism 3
ENGL 459 Seminar in British Literature After 1790 3

American Literature/Culture before 1865

ENGL 243 American Literature to 1865 3
ENGL 340 Topics in American Literature to 1865 3
ENGL 440 Seminar in American Literature Before 1865 3

American Literature/Culture after 1865

ENGL 244 American Literature from 1865 - Present 3
ENGL 245 American Literature Since 1945 3
ENGL 348 Topics in American Literature: 1865 - Present 3
ENGL 448 Seminar in American Literature Since 1865 3

World/Post-Colonial Literature/Culture
ENGL 130 Introduction to World/Postcolonial Literature 3
ENGL 230 Survey of World/Postcolonial Literature 3
ENGL 330 Topics in World/Postcolonial Literature 3
ENGL/WGSS 332 Women in African Literature 3
ENGL 430 Seminar in World/Postcolonial Literature 3

American Ethnic Literature/Culture
ENGL/AIS 142 Introduction to American Indian Literatures 3
ENGL/AIS 242 The American Indian in Literature and Film 3
ENGL 268 Survey of American Ethnic Literature 3
ENGL/AIS 345 American Indian Autobiography 3
ENGL/AIS 346 Major Works in American Indian Literature 3
ENGL 368 Topics in American Ethnic Literature 3
ENGL 468 Seminar in American Ethnic Literature 3

Women’s Literature/Culture
ENGL/WGSS 296 Perspectives on Women’s Literature 3
ENGL/WGSS 396 Studies in Women’s Literature 3
ENGL 496 Seminar in Women’s Literature 3

Theory, Film, and Popular Culture Studies
ENGL 181 Making Sense of the Movies 3-4
ENGL 272 Perspectives in Popular Texts 3
ENGL 281 Critical Perspectives on Film 3-4
ENGL 372 Topics in Popular Culture 3
ENGL 381 Critical Studies in Film and Culture 3-4
ENGL 384 Studies in Theory and Criticism 3
ENGL 481 Seminar in Film, Video, and Moving-Image Culture 3-4
ENGL 484 Seminar in Critical Theory 3

Additional Courses in Literature/Culture
ENGL 150 Introduction to Literature 3
ENGL/CJ 273 Creative and Narrative Nonfiction 3
ENGL 274 The Short Story 3
ENGL 275 The Novel 3
ENGL 276 Poetry 3
ENGL 277 Drama 3
ENGL 392 Major Themes in Literature 1-3

Creative Writing
ENGL 220 Introduction to Creative Writing 3
ENGL 310 Intermediate Poetry Writing 3
ENGL 311 Intermediate Fiction/Nonfiction Writing 3
ENGL 410 Creative Writing Workshop - Poetry 3
ENGL 411 Creative Writing Workshop - Fiction 3
ENGL 412 Seminar in Nonfiction Writing 3
ENGL 413 Prose Writing Workshop-Topics 3

Linguistics
ENGL 121 Busting Language Myths 3
ENGL 221 Introductory English Linguistics 3
ENGL 321 Topics in the Structure of English 3
ENGL 325 Topics in Language in Society 3
ENGL 421 Seminar in Linguistic Research 3

Rhetorics of Science, Technology, and Culture
ENGL 212 Histories and Theories of Rhetoric 3
ENGL 307 Editing and Publications Management 3
ENGL 312 Science Writing 3
ENGL 313 Technical Writing 3
ENGL 314 Cultural Rhetorics 3
ENGL 315 Visual Rhetorics of Science, Technology, and Culture 3
ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

English, Creative Writing Emphasis, Major

Liberal Arts (Code 540-204)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
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WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAIF Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

<table>
<thead>
<tr>
<th>APPLICABILITY OF CREDITS TOWARD GRADUATION</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ⅓ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ⅔ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
</tbody>
</table>

Activity Credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ⅓ of total
USAIF maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

<table>
<thead>
<tr>
<th>LIBERAL EDUCATION CORE REQUIREMENTS</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

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ENGL 351  Chaucer and His Age  3
ENGL 352  Topics in British Literature Before 1790  3
ENGL 357  Shakespearean Topics  3
ENGL 452  Seminar in Early British Literature  3

**British Literature/Culture after 1790**
ENGL 259  Perspectives on British Literature After 1790  3
ENGL 359  Topics in British Literature After 1790  3
ENGL 362  Studies in Transatlantic Romanticism  3
ENGL 459  Seminar in British Literature After 1790  3

**American Literature/Culture before 1865**
ENGL 243  American Literature to 1865  3
ENGL 340  Topics in American Literature to 1865  3
ENGL 440  Seminar in American Literature Before 1865  3

**American Literature/Culture after 1865**
ENGL 244  American Literature from 1865-1945  3
ENGL 245  American Literature Since 1945  3
ENGL 348  Topics in American Literature: 1865 - Present  3
ENGL 448  Seminar in American Literature Since 1865  3

**World/Post-Colonial Literature/Culture**
ENGL 130  Introduction to World/Postcolonial Literature  3
ENGL 230  Survey of World/Postcolonial Literature  3
ENGL 330  Topics in World/Postcolonial Literature  3
ENGL/WGSS 332  Women in African Literature  3
ENGL 430  Seminar in World/Postcolonial Literature  3

**American Ethnic Literature/Culture**
ENGL/AIS 142  Introduction to American Indian Literatures  3
ENGL/AIS 242  The American Indian in Literature and Film  3
ENGL 268  Survey of American Ethnic Literature  3
ENGL/AIS 345  American Indian Autobiography  3
ENGL/AIS 346  Major Works in American Indian Literature  3
ENGL 368  Topics in American Ethnic Literature  3
ENGL 468  Seminar in American Ethnic Literature  3

**Women’s Literature/Culture**
ENGL/WGSS 296  Perspectives on Women’s Literature  3
ENGL/WGSS 396  Studies in Women’s Literature  3
ENGL 496  Seminar in Women’s Literature  3

**Theory, Film, and Popular Culture Studies**
ENGL 181  Making Sense of the Movies  3-4
ENGL 272  Perspectives in Popular Texts  3
ENGL 281  Critical Perspectives on Film  3-4

ENGL 372  Topics in Popular Culture  3
ENGL 381  Critical Studies in Film and Culture  3
ENGL 384  Studies in Theory and Criticism  3
ENGL 481  Seminar in Film, Video, and Moving-Image Culture  3-4
ENGL 484  Seminar in Critical Theory  3

**Additional Courses in Literature/Culture**
ENGL 150  Introduction to Literature  3
ENGL/CJ 273  Creative and Narrative Nonfiction  3
ENGL 274  The Short Story  3
ENGL 275  The Novel  3
ENGL 276  Poetry  3
ENGL 277  Drama  3
ENGL 392  Major Themes in Literature  1-3

**Creative Writing**
ENGL 220  Introduction to Creative Writing  3
ENGL 310  Intermediate Poetry Writing  3
ENGL 311  Intermediate Fiction/Nonfiction Writing  3
ENGL 410  Creative Writing Workshop - Poetry  3
ENGL 411  Creative Writing Workshop - Fiction  3
ENGL 412  Seminar in Nonfiction Writing  3
ENGL 413  Prose Writing Workshop - Topics  3

**Linguistics**
ENGL 121  Busting Language Myths  3
ENGL 221  Introductory English Linguistics  3
ENGL 321  Topics in the Structure of English  3
ENGL 325  Topics in Language in Society  3
ENGL 421  Seminar in Linguistic Research  3

**Rhetorics of Science, Technology, and Culture**
ENGL 212  Histories and Theories of Rhetoric  3
ENGL 307  Editing and Publications Management  3
ENGL 312  Science Writing  3
ENGL 313  Technical Writing  3
ENGL 314  Cultural Rhetorics  3
ENGL 315  Visual Rhetorics of Science, Technology, and Culture  3
ENGL 409  Grant Proposal Writing  3
ENGL 415  Seminar in Science and Nature Writing  3
ENGL 455  Seminar in Rhetorics of Science, Technology, and Culture  3

**English, Creative Writing, Minor**

**Liberal Arts (Code 540-412)**

Twenty-six semester credits, including:
- ENGL 210  Introduction to Critical Studies  5
- Select six credits from the following:  6
  - ENGL 245  American Literature Since 1945
  - ENGL/CJ 273  Creative and Narrative Nonfiction
  - ENGL 274  The Short Story
<table>
<thead>
<tr>
<th>ENGL 275</th>
<th>The Novel</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 276</td>
<td>Poetry</td>
</tr>
</tbody>
</table>

**Required:**

- Three credits of literature/culture at the 300-level
- ENGL 220 Introduction to Creative Writing
- ENGL 310 Intermediate Poetry Writing
  or ENGL 311 Intermediate Fiction/Nonfiction Writing

**Three credits from:**

- ENGL 410 Creative Writing Workshop - Poetry
- ENGL 411 Creative Writing Workshop - Fiction
- ENGL 412 Seminar in Nonfiction Writing
- ENGL 413 Prose Writing Workshop-Topics
- THEA 414 Playwriting

**Three additional English credits**

---

**Information for English Majors and Minors**

**British Literature/Culture before 1790**

<table>
<thead>
<tr>
<th>ENGL 252</th>
<th>Perspectives on Pre-1790 British Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearian Topics</td>
</tr>
<tr>
<td>ENGL 452</td>
<td>Seminar in Early British Literature</td>
</tr>
</tbody>
</table>

**British Literature/Culture after 1790**

<table>
<thead>
<tr>
<th>ENGL 259</th>
<th>Perspectives on British Literature After 1790</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 359</td>
<td>Topics in British Literature After 1790</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Studies in Transatlantic Romanticism</td>
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<td>Seminar in British Literature After 1790</td>
</tr>
</tbody>
</table>

**American Literature/Culture before 1865**

<table>
<thead>
<tr>
<th>ENGL 243</th>
<th>American Literature to 1865</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 340</td>
<td>Topics in American Literature to 1865</td>
</tr>
<tr>
<td>ENGL 440</td>
<td>Seminar in American Literature Before 1865</td>
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**American Literature/Culture after 1865**

<table>
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<tr>
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<tbody>
<tr>
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<td>ENGL 348</td>
<td>Topics in American Literature: 1865 - Present</td>
</tr>
<tr>
<td>ENGL 448</td>
<td>Seminar in American Literature Since 1865</td>
</tr>
</tbody>
</table>

**World/Post-Colonial Literature/Culture**

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<thead>
<tr>
<th>ENGL 130</th>
<th>Introduction to World/Postcolonial Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
</tr>
<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
</tr>
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<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGL 430</th>
<th>Seminar in World/Postcolonial Literature</th>
</tr>
</thead>
</table>

**American Ethnic Literature/Culture**

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<thead>
<tr>
<th>ENGL/AIS 142</th>
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<tr>
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<td>American Indian Autobiography</td>
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**Women’s Literature/Culture**

<table>
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<tr>
<th>ENGL/WGSS 296</th>
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<tbody>
<tr>
<td>ENGL/WGSS 396</td>
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<td>ENGL 496</td>
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**Theory, Film, and Popular Culture Studies**

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<tr>
<th>ENGL 181</th>
<th>Making Sense of the Movies</th>
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<tr>
<td>ENGL 272</td>
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**Additional Courses in Literature/Culture**

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<tr>
<th>ENGL 150</th>
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<tr>
<td>ENGL/CJ 273</td>
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ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major
Liberal Arts (Code 540-212)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE
Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50) 36

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPlicability of Credits Toward Graduation

Credit Restrictions
Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

**USAFI**

USAFI maximum 32 credits

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
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<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
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<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>Two (2) learning experiences</td>
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<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>One (1) learning experience</th>
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<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
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<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
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</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
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<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
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</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
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<tr>
<th>Service-Learning Goal</th>
<th>30 hours</th>
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</table>

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 / CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and
minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work; mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

## Major Requirements

### Liberal Arts (Code 540-212)

Thirty-eight semester credits, including:

<table>
<thead>
<tr>
<th>Core (11 credits)</th>
<th>ENGL 210 Introduction to Critical Studies 5</th>
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</thead>
<tbody>
<tr>
<td>ENGL 221 Introductory English Linguistics 3</td>
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</tr>
<tr>
<td>ENGL 284 Introduction to Theory and Criticism 3</td>
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</tbody>
</table>

### Emphasis Requirements

At least one course from five of the following areas (15 credits):

- British literature/culture course before 1790
- British literature/culture course after 1790
- American literature/culture course before 1865
- American literature/culture course after 1865
- World/Post-Colonial literature/culture
- American Ethnic literature/culture
- Women’s literature/culture

### Additional Elective Credits in English (12 credits)

A minimum of six of these credits must come from any of the above areas; the remaining six credits may come from any ENGL course.

- NOTE 1: Up to six credits may come from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, and ENGL 181.
- NOTE 2: At least nine credits must be taken at the 400-level.
- NOTE 3: Students will need to earn at least 48 unique credits between any approved English program combinations for purposes of meeting graduation requirements for first and second degree programs.

## Information for English Majors and Minors

### British Literature/Culture before 1790

| ENGL 252 Perspectives on Pre-1790 British Literature 3 |
| ENGL 257 Representative Shakespeare 3 |
| ENGL 351 Chaucer and His Age 3 |
| ENGL 352 Topics in British Literature Before 1790 3 |
| ENGL 357 Shakespearean Topics 3 |
| ENGL 452 Seminar in Early British Literature 3 |

### British Literature/Culture after 1790

| ENGL 259 Perspectives on British Literature After 1790 3 |
| ENGL 359 Topics in British Literature After 1790 3 |
| ENGL 362 Studies in Transatlantic Romanticism 3 |
| ENGL 459 Seminar in British Literature After 1790 3 |

### American Literature/Culture before 1865

| ENGL 243 American Literature to 1865 3 |
| ENGL 340 Topics in American Literature to 1865 3 |
| ENGL 440 Seminar in American Literature Before 1865 3 |

### American Literature/Culture after 1865

| ENGL 244 American Literature from 1865-1945 3 |
| ENGL 245 American Literature Since 1945 3 |
| ENGL 348 Topics in American Literature: 1865 - Present 3 |
| ENGL 448 Seminar in American Literature Since 1865 3 |

### World/Post-Colonial Literature/Culture

| ENGL 130 Introduction to World/Postcolonial Literature 3 |
| ENGL 230 Survey of World/Postcolonial Literature 3 |
| ENGL 330 Topics in World/Postcolonial Literature 3 |
| ENGL/WGSS 332 Women in African Literature 3 |
| ENGL 430 Seminar in World/Postcolonial Literature 3 |

### American Ethnic Literature/Culture

| ENGL/AIS 142 Introduction to American Indian Literatures 3 |
| ENGL/AIS 242 The American Indian in Literature and Film 3 |
| ENGL 268 Survey of American Ethnic Literature 3 |
| ENGL/AIS 345 American Indian Autobiography 3 |
| ENGL/AIS 346 Major Works in American Indian Literature 3 |
| ENGL 368 Topics in American Ethnic Literature 3 |
| ENGL 468 Seminar in American Ethnic Literature 3 |

### Women’s Literature/Culture

| ENGL/WGSS 296 Perspectives on Women’s Literature 3 |
| ENGL/WGSS 396 Studies in Women’s Literature 3 |
| ENGL 496 Seminar in Women’s Literature 3 |

### Theory, Film, and Popular Culture Studies

| ENGL 181 Making Sense of the Movies 3-4 |
| ENGL 272 Perspectives in Popular Texts 3 |
| ENGL 281 Critical Perspectives on Film 3-4 |
| ENGL 372 Topics in Popular Culture 3 |
| ENGL 381 Critical Studies in Film and Culture 3-4 |
| ENGL 384 Studies in Theory and Criticism 3 |
| ENGL 481 Seminar in Film, Video, and Moving-Image Culture 3-4 |
| ENGL 484 Seminar in Critical Theory 3 |
Additional Courses in Literature/Culture

ENGL 150 Introduction to Literature 3
ENGL/CJ 273 Creative and Narrative Nonfiction 3
ENGL 274 The Short Story 3
ENGL 275 The Novel 3
ENGL 276 Poetry 3
ENGL 277 Drama 3
ENGL 392 Major Themes in Literature 1-3

Creative Writing

ENGL 220 Introduction to Creative Writing 3
ENGL 310 Intermediate Poetry Writing 3
ENGL 311 Intermediate Fiction/Nonfiction Writing 3
ENGL 410 Creative Writing Workshop - Poetry 3
ENGL 411 Creative Writing Workshop - Fiction 3
ENGL 412 Seminar in Nonfiction Writing 3
ENGL 413 Prose Writing Workshop-Topics 3

Linguistics

ENGL 121 Busting Language Myths 3
ENGL 221 Introductory English Linguistics 3
ENGL 321 Topics in the Structure of English 3
ENGL 325 Topics in Language in Society 3
ENGL 421 Seminar in Linguistic Research 3

Rhetorics of Science, Technology, and Culture

ENGL 212 Histories and Theories of Rhetoric 3
ENGL 307 Editing and Publications Management 3
ENGL 312 Science Writing 3
ENGL 313 Technical Writing 3
ENGL 314 Cultural Rhetorics 3
ENGL 315 Visual Rhetorics of Science, Technology, and Culture 3
ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

English, Critical Studies in Literatures, Cultures, and Film, Certificate

Liberal Arts (Code 540-601)

Seventeen semester credits, including:

ENGL 210 Introduction to Critical Studies 5
ENGL 284 Introduction to Theory and Criticism 3

Nine credits of literature/culture/theory/film (no more than three credits at the 100- or 200-level and at least three credits at the 400-level)

Note: Students will need to earn at least 48 unique credits between any approved English program combinations and for other program combinations where course work overlaps for purposes of meeting graduation requirements for first and second degree programs.

Information for English Majors and Minors

British Literature/Culture before 1790

ENGL 252 Perspectives on Pre-1790 British Literature 3
ENGL 257 Representative Shakespeare 3
ENGL 351 Chaucer and His Age 3
ENGL 352 Topics in British Literature Before 1790 3
ENGL 357 Shakespearean Topics 3
ENGL 452 Seminar in Early British Literature 3

British Literature/Culture after 1790

ENGL 259 Perspectives on British Literature After 1790 3
ENGL 359 Topics in British Literature After 1790 3
ENGL 362 Studies in Transatlantic Romanticism 3
ENGL 459 Seminar in British Literature After 1790 3

American Literature/Culture before 1865

ENGL 243 American Literature to 1865 3
ENGL 340 Topics in American Literature to 1865 3
ENGL 440 Seminar in American Literature Before 1865 3

American Literature/Culture after 1865

ENGL 244 American Literature from 1865-1945 3
ENGL 245 American Literature Since 1945 3
ENGL 348 Topics in American Literature: 1865 - Present 3
ENGL 448 Seminar in American Literature Since 1865 3

World/Post-Colonial Literature/Culture

ENGL 130 Introduction to World/Postcolonial Literature 3
ENGL 230 Survey of World/Postcolonial Literature 3
ENGL 330 Topics in World/Postcolonial Literature 3
ENGL/WGSS 332 Women in African Literature 3
ENGL 430 Seminar in World/Postcolonial Literature 3

American Ethnic Literature/Culture

ENGL/AIS 142 Introduction to American Indian Literatures 3
ENGL/AIS 242 The American Indian in Literature and Film 3
ENGL 268 Survey of American Ethnic Literature 3
ENGL/AIS 345 American Indian Autobiography 3
ENGL/AIS 346 Major Works in American Indian Literature 3
ENGL 368 Topics in American Ethnic Literature 3
ENGL 468 Seminar in American Ethnic Literature 3
### Women's Literature/Culture
- **ENGL/WGSS 296**: Perspectives on Women's Literature 3
- **ENGL/WGSS 396**: Studies in Women's Literature 3
- **ENGL 496**: Seminar in Women's Literature 3

### Theory, Film, and Popular Culture Studies
- **ENGL 181**: Making Sense of the Movies 3-4
- **ENGL 272**: Perspectives in Popular Texts 3
- **ENGL 281**: Critical Perspectives on Film 3-4
- **ENGL 372**: Topics in Popular Culture 3
- **ENGL 381**: Critical Studies in Film and Culture 3-4
- **ENGL 384**: Studies in Theory and Criticism 3
- **ENGL 481**: Seminar in Film, Video, and Moving-Image Culture 3-4
- **ENGL 484**: Seminar in Critical Theory 3

### Additional Courses in Literature/Culture
- **ENGL 150**: Introduction to Literature 3
- **ENGL/CJ 273**: Creative and Narrative Nonfiction 3
- **ENGL 274**: The Short Story 3
- **ENGL 275**: The Novel 3
- **ENGL 276**: Poetry 3
- **ENGL 277**: Drama 3
- **ENGL 392**: Major Themes in Literature 1-3

### Creative Writing
- **ENGL 220**: Introduction to Creative Writing 3
- **ENGL 310**: Intermediate Poetry Writing 3
- **ENGL 311**: Intermediate Fiction/Nonfiction Writing 3
- **ENGL 410**: Creative Writing Workshop - Poetry 3
- **ENGL 411**: Creative Writing Workshop - Fiction 3
- **ENGL 412**: Seminar in Nonfiction Writing 3
- **ENGL 413**: Prose Writing Workshop-Topics 3

### Linguistics
- **ENGL 121**: Busting Language Myths 3
- **ENGL 221**: Introductory English Linguistics 3
- **ENGL 321**: Topics in the Structure of English 3
- **ENGL 325**: Topics in Language in Society 3
- **ENGL 421**: Seminar in Linguistic Research 3

### Rhetorics of Science, Technology, and Culture
- **ENGL 212**: Histories and Theories of Rhetoric 3
- **ENGL 307**: Editing and Publications Management 3
- **ENGL 312**: Science Writing 3
- **ENGL 313**: Technical Writing 3
- **ENGL 314**: Cultural Rhetorics 3
- **ENGL 315**: Visual Rhetorics of Science, Technology, and Culture 3
- **ENGL 409**: Grant Proposal Writing 3
- **ENGL 415**: Seminar in Science and Nature Writing 3
- **ENGL 455**: Seminar in Rhetorics of Science, Technology, and Culture 3

### English, Critical Studies in Literatures, Cultures, and Film, Minor

#### Liberal Arts (Code 540-409)

Twenty-six semester credits, including:
- **ENGL 210**: Introduction to Critical Studies 5
- **ENGL 221**: Introductory English Linguistics 3
- **ENGL 284**: Introduction to Theory and Criticism 3
- 15 credits of literature/culture (no more than six at the 200-level and no fewer than six at the 400-level) 15

Note: Students will need to earn at least 48 unique credits between any approved English program combinations for purposes of meeting graduation requirements for first and second degree programs.

### Information for English Majors and Minors

#### British Literature/Culture before 1790
- **ENGL 252**: Perspectives on Pre-1790 British Literature 3
- **ENGL 257**: Representative Shakespeare 3
- **ENGL 351**: Chaucer and His Age 3
- **ENGL 352**: Topics in British Literature Before 1790 3
- **ENGL 357**: Shakespearean Topics 3
- **ENGL 452**: Seminar in Early British Literature 3

#### British Literature/Culture after 1790
- **ENGL 259**: Perspectives on British Literature After 1790 3
- **ENGL 359**: Topics in British Literature After 1790 3
- **ENGL 362**: Studies in Transatlantic Romanticism 3
- **ENGL 459**: Seminar in British Literature After 1790 3

#### American Literature/Culture before 1865
- **ENGL 243**: American Literature to 1865 3
- **ENGL 340**: Topics in American Literature to 1865 3
- **ENGL 440**: Seminar in American Literature Before 1865 3

#### American Literature/Culture after 1865
- **ENGL 244**: American Literature from 1865-1945 3
- **ENGL 245**: American Literature Since 1945 3
- **ENGL 348**: Topics in American Literature: 1865 - Present 3
- **ENGL 448**: Seminar in American Literature Since 1865 3

#### World/Post-Colonial Literature/Culture
- **ENGL 130**: Introduction to World/Postcolonial Literature 3
- **ENGL 230**: Survey of World/Postcolonial Literature 3
- **ENGL 330**: Topics in World/Postcolonial Literature 3
- **ENGL/WGSS 332**: Women in African Literature 3
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td><strong>American Ethnic Literature/Culture</strong></td>
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<td>ENGL/AIS 142</td>
<td>Introduction to American Indian Literatures</td>
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<td>ENGL/AIS 242</td>
<td>The American Indian in Literature and Film</td>
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<td>ENGL 268</td>
<td>Survey of American Ethnic Literature</td>
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<tr>
<td>ENGL/AIS 345</td>
<td>American Indian Autobiography</td>
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<td>ENGL/AIS 346</td>
<td>Major Works in American Indian Literature</td>
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<td>ENGL 368</td>
<td>Topics in American Ethnic Literature</td>
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<td><strong>Women’s Literature/Culture</strong></td>
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<td>ENGL 496</td>
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<tr>
<td><strong>Theory, Film, and Popular Culture Studies</strong></td>
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<td>ENGL 181</td>
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<td><strong>Additional Courses in Literature/Culture</strong></td>
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<td>Drama</td>
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<td>Major Themes in Literature</td>
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<td>ENGL 220</td>
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<td>ENGL 310</td>
<td>Intermediate Poetry Writing</td>
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<td>ENGL 410</td>
<td>Creative Writing Workshop - Poetry</td>
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<td>Prose Writing Workshop-Topics</td>
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<td>Technical Writing</td>
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<td>ENGL 314</td>
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<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

**English, Early Adolescence/Adolescence, Minor**

Teaching (Code 540-408)

Twenty-six semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 210</td>
<td>Introduction to Critical Studies</td>
<td>5</td>
</tr>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 319</td>
<td>Introduction to English Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 419</td>
<td>Seminar in English Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>LMED 306</td>
<td>Literature For Adolescents</td>
<td>3</td>
</tr>
</tbody>
</table>

Nine credits of literature/culture with no more than three at the 200-level

The English Teaching minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach English in Early Adolescence through Adolescence classrooms.

**Information for English Majors and Minors**

**British Literature/Culture before 1790**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 252</td>
<td>Perspectives on Pre-1790 British Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 452</td>
<td>Seminar in Early British Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

**British Literature/Culture after 1790**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 259</td>
<td>Perspectives on British Literature After 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 359</td>
<td>Topics in British Literature After 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Studies in Transatlantic Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 459</td>
<td>Seminar in British Literature After 1790</td>
<td>3</td>
</tr>
</tbody>
</table>

**American Literature/Culture before 1865**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 243</td>
<td>American Literature to 1865</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Topics in American Literature to 1865</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 440</td>
<td>Seminar in American Literature Before 1865</td>
<td>3</td>
</tr>
</tbody>
</table>
## American Literature/Culture after 1865

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 244</td>
<td>American Literature from 1865-1945</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 245</td>
<td>American Literature Since 1945</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 348</td>
<td>Topics in American Literature: 1865 - Present</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 448</td>
<td>Seminar in American Literature Since 1865</td>
<td>3</td>
</tr>
</tbody>
</table>

## World/Post-Colonial Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 130</td>
<td>Introduction to World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 430</td>
<td>Seminar in World/Postcolonial Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

## American Ethnic Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL/AIS 142</td>
<td>Introduction to American Indian Literatures</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 242</td>
<td>The American Indian in Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 268</td>
<td>Survey of American Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 345</td>
<td>American Indian Autobiography</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 346</td>
<td>Major Works in American Indian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 368</td>
<td>Topics in American Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 468</td>
<td>Seminar in American Ethnic Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

## Women's Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL/WGSS 296</td>
<td>Perspectives on Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/WGSS 396</td>
<td>Studies in Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 496</td>
<td>Seminar in Women's Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

## Theory, Film, and Popular Culture Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 181</td>
<td>Making Sense of the Movies</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 272</td>
<td>Perspectives in Popular Texts</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 281</td>
<td>Critical Perspectives on Film</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 372</td>
<td>Topics in Popular Culture</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 381</td>
<td>Critical Studies in Film and Culture</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 384</td>
<td>Studies in Theory and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 481</td>
<td>Seminar in Film, Video, and Moving-Image Culture</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 484</td>
<td>Seminar in Critical Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

## Additional Courses in Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 150</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/CJ 273</td>
<td>Creative and Narrative Nonfiction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 274</td>
<td>The Short Story</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 275</td>
<td>The Novel</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 276</td>
<td>Poetry</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 277</td>
<td>Drama</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 392</td>
<td>Major Themes in Literature</td>
<td>1-3</td>
</tr>
</tbody>
</table>

## Creative Writing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 220</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 310</td>
<td>Intermediate Poetry Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 311</td>
<td>Intermediate Fiction/Nonfiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 410</td>
<td>Creative Writing Workshop - Poetry</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 411</td>
<td>Creative Writing Workshop - Fiction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 412</td>
<td>Seminar in Nonfiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 413</td>
<td>Prose Writing Workshop-Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

## Linguistics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 121</td>
<td>Busting Language Myths</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 421</td>
<td>Seminar in Linguistic Research</td>
<td>3</td>
</tr>
</tbody>
</table>

## Rhetorics of Science, Technology, and Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 212</td>
<td>Histories and Theories of Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

## English, Linguistics, Major

### Liberal Arts (Code 540-205)

#### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>Upper division credits (courses numbered 300 and higher)</th>
<th>Liberal Education Core (p. 46)</th>
<th>Academic Concentrations (p. 50)</th>
<th>Grade Point Requirements (p. 50)</th>
<th>Total</th>
<th>2.00 average</th>
<th>Resident</th>
<th>2.00 average</th>
<th>Major</th>
<th>2.00 average</th>
<th>Minor</th>
<th>2.00 average</th>
<th>Certificate</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120</td>
<td>39</td>
<td>36</td>
<td>39</td>
<td>39</td>
<td>36</td>
<td>2.00 average</td>
<td>2.00 average</td>
<td>2.00 average</td>
<td>2.00 average</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### University Residency Requirements (p. 50)

| Minimum total       | 30                            |
| Senior year         | 23                            |
| Major, Standard, upper division in residence | 12                            |
| Major, Comprehensive, upper division in residence | 21                            |
| Certificate         | 25 percent of credits         |
Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

Two-Year College Credits

| Credit by Examination | Total degree credit | maximum ¼ of total |
| Satisfactory/Unsatisfactory | Total degree credit | maximum 12 |
| Major, Standard | maximum 1 course |
| Major, Comprehensive | maximum 2 courses |
| Major or minor | maximum ½ of total |
| Activity credit (band, chorus, drama, KINS 100-184) | Total KINS 100-184 | maximum 1 credit |
| Total Band, chorus, drama | maximum 12 credits |
| Single course band, chorus, drama | maximum 4 credits |
| Extension credits | UW-System | no maximum |
| Other extension/ correspondence | maximum ¼ of total |
| USAFI | USAFI | maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

| Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) | Two (2) learning experiences |
| Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) | Two (2) learning experiences |
| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |
| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |

Skills Goal

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) | One (1) learning experience |

| Skills Outcome 3 (S3): Scientific Reasoning (http://catalog.uwec.edu/undergraduate/attribute-s3) | Two (2) learning experiences |
| Skills Outcome 4 (S4): Literacy and Communication (http://catalog.uwec.edu/undergraduate/attribute-s4) | One (1) learning experience |
| Skills Outcome 5 (S5): Quantitative Reasoning (http://catalog.uwec.edu/undergraduate/attribute-s5) | One (1) learning experience |
| Skills Outcome 6 (S6): Information Literacy (http://catalog.uwec.edu/undergraduate/attribute-s6) | One (1) learning experience |

| Skills Outcome 7 (S7): Ethics, Values, and Social Responsibility (http://catalog.uwec.edu/undergraduate/attribute-s7) | One (1) learning experience |
| Skills Outcome 8 (S8): Global Understanding (http://catalog.uwec.edu/undergraduate/attribute-s8) | One (1) learning experience |
| Skills Outcome 9 (S9): Civic Engagement (http://catalog.uwec.edu/undergraduate/attribute-s9) | One (1) learning experience |
| Skills Outcome 10 (S10): Professional Competency (http://catalog.uwec.edu/undergraduate/attribute-s10) | One (1) learning experience |
| Skills Outcome 11 (S11): Lifelong Learning (http://catalog.uwec.edu/undergraduate/attribute-s11) | One (1) learning experience |
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 540-205)

Thirty-six semester credits, including:

<table>
<thead>
<tr>
<th>Core (11 credits)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 210</td>
<td>Introduction to Critical Studies</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
</tr>
<tr>
<td>ENGL 284</td>
<td>Introduction to Theory and Criticism</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emphasis Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Six linguistics courses Required (at least one iteration of each of these three courses):</td>
<td></td>
</tr>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
</tr>
<tr>
<td>ENGL 421</td>
<td>Seminar in Linguistic Research</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective options:</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
</tr>
<tr>
<td>CSD 257</td>
<td>Normal Communication Development</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
</tr>
<tr>
<td>CSD 311</td>
<td>Language Development and Disorders: Related Disciplines</td>
</tr>
<tr>
<td>FLG 365</td>
<td>Special Topics in Teaching English to Speakers of Other Languages</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
</tr>
<tr>
<td>PHIL 250</td>
<td>Symbolic Logic</td>
</tr>
<tr>
<td>PHIL 322</td>
<td>Philosophy of Language</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Literature/Culture Requirements</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three literature/culture courses, including at least:</td>
<td></td>
</tr>
<tr>
<td>One course from:</td>
<td></td>
</tr>
<tr>
<td>ENGL 243</td>
<td>American Literature to 1865</td>
</tr>
<tr>
<td>ENGL 252</td>
<td>Perspectives on Pre-1790 British Literature</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
</tr>
<tr>
<td>ENGL 276</td>
<td>Poetry</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Topics in American Literature to 1865</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
</tr>
</tbody>
</table>

One literature/culture course at the 300- or 400-level

1. Additional iterations of ENGL 321, ENGL 325, and ENGL 421 with a different topic may be counted in Elective options.

NOTE 1: No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

NOTE 2: Students will need to earn at least 48 unique credits between any approved English program combinations for purposes of meeting graduation requirements for first and second degree programs.

### Information for English Majors and Minors

#### British Literature/Culture before 1790

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 252</td>
<td>Perspectives on Pre-1790 British Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 452</td>
<td>Seminar in Early British Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

#### British Literature/Culture after 1790

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 259</td>
<td>Perspectives on British Literature After 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 359</td>
<td>Topics in British Literature After 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Studies in Transatlantic Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 459</td>
<td>Seminar in British Literature After 1790</td>
<td>3</td>
</tr>
</tbody>
</table>

#### American Literature/Culture before 1865

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 243</td>
<td>American Literature to 1865</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Topics in American Literature to 1865</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 440</td>
<td>Seminar in American Literature Before 1865</td>
<td>3</td>
</tr>
</tbody>
</table>

#### American Literature/Culture after 1865

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 244</td>
<td>American Literature from 1865-1945</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 245</td>
<td>American Literature Since 1945</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 348</td>
<td>Topics in American Literature: 1865 - Present</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 448</td>
<td>Seminar in American Literature Since 1865</td>
<td>3</td>
</tr>
</tbody>
</table>

#### World/Post-Colonial Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 130</td>
<td>Introduction to World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 430</td>
<td>Seminar in World/Postcolonial Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

#### American Ethnic Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL/AIS 142</td>
<td>Introduction to American Indian Literatures</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 242</td>
<td>The American Indian in Literature and Film</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 268</td>
<td>Survey of American Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 345</td>
<td>American Indian Autobiography</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 346</td>
<td>Major Works in American Indian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 368</td>
<td>Topics in American Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 468</td>
<td>Seminar in American Ethnic Literature</td>
<td>3</td>
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</table>

#### Women's Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL/WGSS 296</td>
<td>Perspectives on Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/WGSS 396</td>
<td>Studies in Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 496</td>
<td>Seminar in Women's Literature</td>
<td>3</td>
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</table>

#### Theory, Film, and Popular Culture Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 181</td>
<td>Making Sense of the Movies</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 272</td>
<td>Perspectives in Popular Texts</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 281</td>
<td>Critical Perspectives on Film</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 372</td>
<td>Topics in Popular Culture</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 381</td>
<td>Critical Studies in Film and Culture</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 384</td>
<td>Studies in Theory and Criticism</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 481</td>
<td>Seminar in Film, Video, and Moving-Image Culture</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 484</td>
<td>Seminar in Critical Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Additional Courses in Literature/Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 150</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/CJ 273</td>
<td>Creative and Narrative Nonfiction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 274</td>
<td>The Short Story</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 275</td>
<td>The Novel</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 276</td>
<td>Poetry</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 277</td>
<td>Drama</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 392</td>
<td>Major Themes in Literature</td>
<td>1-3</td>
</tr>
</tbody>
</table>

#### Creative Writing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 220</td>
<td>Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 310</td>
<td>Intermediate Poetry Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 311</td>
<td>Intermediate Fiction/Nonfiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 410</td>
<td>Creative Writing Workshop - Poetry</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 411</td>
<td>Creative Writing Workshop - Fiction</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 412</td>
<td>Seminar in Nonfiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 413</td>
<td>Prose Writing Workshop-Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Linguistics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 121</td>
<td>Busting Language Myths</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory Language Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 421</td>
<td>Seminar in Linguistic Research</td>
<td>3</td>
</tr>
</tbody>
</table>
Rhetorics of Science, Technology, and Culture

ENGL 212 Histories and Theories of Rhetoric 3
ENGL 307 Editing and Publications Management 3
ENGL 312 Science Writing 3
ENGL 313 Technical Writing 3
ENGL 314 Cultural Rhetorics 3
ENGL 315 Visual Rhetorics of Science, Technology, and Culture 3
ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

English, Major - Teaching
Teaching (Code 540-210)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)²

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.
² See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>no maximum</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>no maximum</td>
</tr>
<tr>
<td>UW-System</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>
**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

### Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

### Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

### Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

### Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

### Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

---

**College Degree Requirements**

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

---

**Early Adolescence Through Adolescence and Early Childhood through Adolescence**

(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Teaching Licensure Requirements - EA-A Licensure
Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**
Early Adolescence through Adolescence Licensure
Professional Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446 or ES 475</td>
<td>Internship Teaching in Middle Level Education Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
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<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
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<td>ETS 5038</td>
</tr>
<tr>
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<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
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<td>ETS 5161</td>
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<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<tr>
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<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
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<tr>
<td>Chemistry</td>
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<td>BIOL 180 or GEOG 178</td>
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<td>WPT and OPI or OPIc</td>
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<tr>
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<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
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<tr>
<td>German</td>
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<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
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<tr>
<td>Major</td>
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<td>Course Title</td>
<td>Credit</td>
<td>Additional Notes</td>
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<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP) ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<td>Learning Disabilities</td>
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<td>ETS 5146</td>
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<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td>ETS 5161</td>
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<tr>
<td>Physics</td>
<td>230-403</td>
<td>ES 360 (F) BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
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<tr>
<td>Political Science</td>
<td>420-403</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Sociology</td>
<td>480-404</td>
<td>ES 356 ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
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<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 366 (F) Study abroad in language WPT and OPI or OPIc</td>
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<tr>
<td>Teaching English to Speakers of Other Languages (TESOL)</td>
<td>550-408</td>
<td>ES 405 (F) 1 yr college level foreign language</td>
<td>ETS 5362</td>
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</table>

Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

### Admission Requirements

Admission to Professional Education Programs (p. 508)

### Major Requirements

#### Teaching (Code 540-210)

<table>
<thead>
<tr>
<th>Core (11 credits)</th>
<th>ENGL 210</th>
<th>Introduction to Critical Studies</th>
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<tbody>
<tr>
<td></td>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
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<td>ENGL 284</td>
<td>Introduction to Theory and Criticism</td>
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<thead>
<tr>
<th>Emphasis Requirements</th>
<th>LMED 306</th>
<th>Literature For Adolescents</th>
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<tr>
<td></td>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
<td>3</td>
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<tr>
<td></td>
<td>or ENGL 357</td>
<td>Shakespearean Topics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENGL 319</td>
<td>Introduction to English Education Methods</td>
<td>3</td>
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<tr>
<td></td>
<td>ENGL 419</td>
<td>Seminar in English Education Methods</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Literature/Culture Requirements</th>
<th>15 credits of English Courses:</th>
<th></th>
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<tbody>
<tr>
<td>Minimum of nine credits from the following categories, but no more than two courses from any one category: British Literature/Culture, American Literature/Culture, World/Post-Colonial Literature/Culture, American Ethnic Literature/Culture, or Women’s Literature/Culture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum of six credits from the following options and no more than one course from any categorical area: ENGL 397, Creative Writing, Rhetorics of Science, Technology, and Culture, Linguistics, or Theory and Film courses</td>
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</tbody>
</table>

No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

At least three credits at the 400-level

The Standard English Teaching major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See your advisor or the English Teaching advising guide for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

### Information for English Majors and Minors

#### British Literature/Culture before 1790

- ENGL 252 Perspectives on Pre-1790 British Literature | 3 |
- ENGL 257 Representative Shakespeare | 3 |
- ENGL 351 Chaucer and His Age | 3 |
- ENGL 352 Topics in British Literature Before 1790 | 3 |
- ENGL 357 Shakespearean Topics | 3 |
- ENGL 452 Seminar in Early British Literature | 3 |

#### British Literature/Culture after 1790

- ENGL 259 Perspectives on British Literature After 1790 | 3 |
- ENGL 359 Topics in British Literature After 1790 | 3 |
- ENGL 362 Studies in Transatlantic Romanticism | 3 |
- ENGL 459 Seminar in British Literature After 1790 | 3 |

#### American Literature/Culture before 1865

- ENGL 243 American Literature to 1865 | 3 |
- ENGL 340 Topics in American Literature to 1865 | 3 |
- ENGL 440 Seminar in American Literature Before 1865 | 3 |

#### American Literature/Culture after 1865

- ENGL 244 American Literature from 1865-1945 | 3 |
- ENGL 245 American Literature Since 1945 | 3 |
- ENGL 348 Topics in American Literature: 1865 - Present | 3 |
- ENGL 448 Seminar in American Literature Since 1865 | 3 |

#### World/Post-Colonial Literature/Culture

- ENGL 130 Introduction to World/Postcolonial Literature | 3 |
- ENGL 230 Survey of World/Postcolonial Literature | 3 |
- ENGL 330 Topics in World/Postcolonial Literature | 3 |
- ENGL/WGSS 332 Women in African Literature | 3 |
- ENGL 430 Seminar in World/Postcolonial Literature | 3 |

#### American Ethnic Literature/Culture

- ENGL/AIS 142 Introduction to American Indian Literatures | 3 |
ENGL/AIS 242 The American Indian in Literature and Film 3
ENGL 268 Survey of American Ethnic Literature 3
ENGL/AIS 345 American Indian Autobiography 3
ENGL/AIS 346 Major Works in American Indian Literature 3
ENGL 368 Topics in American Ethnic Literature 3
ENGL 468 Seminar in American Ethnic Literature 3

Women’s Literature/Culture
ENGL/WGSS 296 Perspectives on Women’s Literature 3
ENGL/WGSS 396 Studies in Women’s Literature 3
ENGL 496 Seminar in Women’s Literature 3

Theory, Film, and Popular Culture Studies
ENGL 181 Making Sense of the Movies 3-4
ENGL 272 Perspectives in Popular Texts 3
ENGL 281 Critical Perspectives on Film 3-4
ENGL 372 Topics in Popular Culture 3
ENGL 381 Critical Studies in Film and Culture 3-4
ENGL 384 Studies in Theory and Criticism 3
ENGL 481 Seminar in Film, Video, and Moving-Image Culture 3-4
ENGL 484 Seminar in Critical Theory 3

Additional Courses in Literature/Culture
ENGL 150 Introduction to Literature 3
ENGL/CJ 273 Creative and Narrative Nonfiction 3
ENGL 274 The Short Story 3
ENGL 275 The Novel 3
ENGL 276 Poetry 3
ENGL 277 Drama 3
ENGL 392 Major Themes in Literature 1-3

Creative Writing
ENGL 220 Introduction to Creative Writing 3
ENGL 310 Intermediate Poetry Writing 3
ENGL 311 Intermediate Fiction/Nonfiction Writing 3
ENGL 410 Creative Writing Workshop - Poetry 3
ENGL 411 Creative Writing Workshop - Fiction 3
ENGL 412 Seminar in Nonfiction Writing 3
ENGL 413 Prose Writing Workshop-Topics 3

Linguistics
ENGL 121 Busting Language Myths 3
ENGL 221 Introductory English Linguistics 3
ENGL 321 Topics in the Structure of English 3
ENGL 325 Topics in Language in Society 3
ENGL 421 Seminar in Linguistic Research 3

Rhetorics of Science, Technology, and Culture
ENGL 212 Histories and Theories of Rhetoric 3
ENGL 307 Editing and Publications Management 3
ENGL 312 Science Writing 3
ENGL 313 Technical Writing 3

ENGL 314 Cultural Rhetorics 3
ENGL 315 Visual Rhetorics of Science, Technology, and Culture 3
ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

English, Rhetorics of Science, Technology, and Culture Emphasis, Major

Liberal Arts (Code 540-211)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.
### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Minimum Required Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>a minimum of 36 credits</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Integration Goal</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

#### Knowledge Goal

- **Knowledge Outcome 1 (K1): Natural Sciences**
  - One experience in laboratory science must be selected from either K1 or K2.
  - Two (2) learning experiences
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-k1)

- **Knowledge Outcome 2 (K2): Social Sciences**
  - Two (2) learning experiences
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-k2)

- **Knowledge Outcome 3 (K3): Humanities**
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-k3)

- **Knowledge Outcome 4 (K4): Fine Arts**
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-k4)

#### Skills Goal

- **Skills Outcome 1 (S1): Written and Oral Communication**
  - One S1 must meet the University Writing Requirement (p. 49)
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-s1)

- **Skills Outcome 2 (S2): Mathematics**
  - One S2 to meet the University Mathematics Requirement (p. 50)
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-s2)

- **Skills Outcome 3 (S3): Creativity**
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-s3)

#### Responsibility Goal

- **Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity**
  - One R1 must satisfy Design for Diversity (p. 49)
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13)

- **Responsibility Outcome 2 (R2): Global Perspectives**
  - One (1) learning experience
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-r2)

- **Responsibility Outcome 3 (R3): Civic and Environmental Issues**
  - One (1) learning experience
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-r3)

#### Integration Goal

- **Integration Outcome 1 (I1): Integration**
  - Two (2) learning experiences
  - [Link](http://catalog.uwec.edu/undergraduate/attribute-i1)

#### Service-Learning Goal
**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

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**Major Requirements**

**Liberal Arts (Code 540-211)**

**Thirty-six semester credits, including:**

**Core (11 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 210</td>
<td>Introduction to Critical Studies</td>
<td>5</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 284</td>
<td>Introduction to Theory and Criticism</td>
<td>3</td>
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**Emphasis Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 212</td>
<td>Histories and Theories of Rhetoric</td>
<td>3</td>
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<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
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Twelve credits from:

<table>
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<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
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<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
<td></td>
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<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
<td></td>
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<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
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<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
<td></td>
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<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
<td></td>
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<tr>
<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 498</td>
<td>Internship in Writing</td>
<td></td>
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</table>

or three credits outside the department with advisor approval

**Literature/Culture Requirements**

Nine credits of literature/culture

1 No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 130, ENGL 142, ENGL 150, or ENGL 181; no fewer than three credits from the 300- or 400-level.

Note: Students will need to earn at least 48 unique credits between any approved English program combinations for purposes of meeting graduation requirements for first and second degree programs.

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**Information for English Majors and Minors**

**British Literature/Culture before 1790**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 252</td>
<td>Perspectives on Pre-1790 British Literature</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 452</td>
<td>Seminar in Early British Literature</td>
<td>3</td>
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</table>

**British Literature/Culture after 1790**

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 259</td>
<td>Perspectives on British Literature After 1790</td>
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<table>
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<tr>
<th>Course</th>
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<td>ENGL 359</td>
<td>Topics in British Literature After 1790</td>
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<td>ENGL 362</td>
<td>Studies in Transatlantic Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 459</td>
<td>Seminar in British Literature After 1790</td>
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**American Literature/Culture before 1865**

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 243</td>
<td>American Literature to 1865</td>
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<table>
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<td>Topics in American Literature to 1865</td>
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<td>ENGL 440</td>
<td>Seminar in American Literature Before 1865</td>
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<tr>
<td><strong>American Literature/Culture after 1865</strong></td>
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<tr>
<td>ENGL 244</td>
<td>American Literature from 1865-1945</td>
<td>3</td>
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<tr>
<td>ENGL 245</td>
<td>American Literature Since 1945</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 348</td>
<td>Topics in American Literature: 1865 - Present</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 448</td>
<td>Seminar in American Literature Since 1865</td>
<td>3</td>
</tr>
<tr>
<td><strong>World/Post-Colonial Literature/Culture</strong></td>
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<tr>
<td>ENGL 130</td>
<td>Introduction to World/Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
<td>3</td>
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<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
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<tr>
<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
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<tr>
<td>ENGL 430</td>
<td>Seminar in World/Postcolonial Literature</td>
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<tr>
<td><strong>American Ethnic Literature/Culture</strong></td>
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<tr>
<td>ENGL/AIS 142</td>
<td>Introduction to American Indian Literatures</td>
<td>3</td>
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<tr>
<td>ENGL/AIS 242</td>
<td>The American Indian in Literature and Film</td>
<td>3</td>
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<tr>
<td>ENGL 268</td>
<td>Survey of American Ethnic Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 345</td>
<td>American Indian Autobiography</td>
<td>3</td>
</tr>
<tr>
<td>ENGL/AIS 346</td>
<td>Major Works in American Indian Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 368</td>
<td>Topics in American Ethnic Literature</td>
<td>3</td>
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<tr>
<td>ENGL 468</td>
<td>Seminar in American Ethnic Literature</td>
<td>3</td>
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<tr>
<td><strong>Women’s Literature/Culture</strong></td>
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<tr>
<td>ENGL/WGSS 296</td>
<td>Perspectives on Women’s Literature</td>
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<td>ENGL/WGSS 396</td>
<td>Studies in Women’s Literature</td>
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<td>ENGL 496</td>
<td>Seminar in Women’s Literature</td>
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<tr>
<td><strong>Theory, Film, and Popular Culture Studies</strong></td>
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<tr>
<td>ENGL 181</td>
<td>Making Sense of the Movies</td>
<td>3-4</td>
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<td>ENGL 272</td>
<td>Perspectives in Popular Texts</td>
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</tr>
<tr>
<td>ENGL 281</td>
<td>Critical Perspectives on Film</td>
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<td>ENGL 372</td>
<td>Topics in Popular Culture</td>
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<td>ENGL 381</td>
<td>Critical Studies in Film and Culture</td>
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<td>Studies in Theory and Criticism</td>
<td>3</td>
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<tr>
<td>ENGL 481</td>
<td>Seminar in Film, Video, and Moving-Image Culture</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 484</td>
<td>Seminar in Critical Theory</td>
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<td><strong>Additional Courses in Literature/Culture</strong></td>
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<td>ENGL 150</td>
<td>Introduction to Literature</td>
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<tr>
<td>ENGL/CJ 273</td>
<td>Creative and Narrative Nonfiction</td>
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<tr>
<td>ENGL 274</td>
<td>The Short Story</td>
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<tr>
<td>ENGL 275</td>
<td>The Novel</td>
<td>3</td>
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<td>ENGL 276</td>
<td>Poetry</td>
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<td>ENGL 277</td>
<td>Drama</td>
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<td>ENGL 392</td>
<td>Major Themes in Literature</td>
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<td>ENGL 220</td>
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<td>ENGL 310</td>
<td>Intermediate Poetry Writing</td>
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<td>ENGL 311</td>
<td>Intermediate Fiction/Nonfiction Writing</td>
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<td>ENGL 410</td>
<td>Creative Writing Workshop - Poetry</td>
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<td>Creative Writing Workshop - Fiction</td>
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<td>ENGL 412</td>
<td>Seminar in Nonfiction Writing</td>
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<td>Prose Writing Workshop-Topics</td>
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<td><strong>Linguistics</strong></td>
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<td>ENGL 121</td>
<td>Busting Language Myths</td>
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<tr>
<td>ENGL 221</td>
<td>Introductory English Linguistics</td>
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</tr>
<tr>
<td>ENGL 321</td>
<td>Topics in the Structure of English</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Topics in Language in Society</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 421</td>
<td>Seminar in Linguistic Research</td>
<td>3</td>
</tr>
<tr>
<td><strong>Rhetorics of Science, Technology, and Culture</strong></td>
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<tr>
<td>ENGL 212</td>
<td>Histories and Theories of Rhetoric</td>
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<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
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<td>ENGL 313</td>
<td>Technical Writing</td>
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<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
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<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
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<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
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<tr>
<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
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</tr>
<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
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</table>

**English, Rhetorics of Science, Technology, and Culture, Certificate**

(Code 540-602)

Rhetorical understanding and the ability to produce rhetorically effective texts are excellent complements to any academic discipline, because every specialty depends on the discovery and dissemination of ideas, as well as the structuring of arguments in the process of building knowledge in a field. The Rhetorics of Science, Technology, and Culture (RSTC) certificate offers a focused study in the kinds of choices we make when we analyze and communicate scientific, technical, and diverse cultural phenomena, whether through traditional written text, visuals, video, internet venues, or some multimodal combination of those. Students will have opportunities not only to research in a wide variety of fields, including understanding different modes of communication and cultural practices, but to create and edit documents that best address the needs of their intended audiences, ranging from specialists to the general public. An RSTC certificate could enhance the career options of any student majoring or minoring in a science, technology, or social science field, and in its attention to various kinds of practical know-how—e.g., science writing, technical writing, grant writing, nature writing, editing—could also increase the career options for students in the humanities and the arts.
Fifteen semester credits, selected from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 212</td>
<td>Histories and Theories of Rhetoric</td>
</tr>
<tr>
<td>or CJ 207</td>
<td>Introduction to Rhetoric and Society</td>
</tr>
<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
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<td>ENGL 313</td>
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<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
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<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
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<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
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<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
</tr>
<tr>
<td>ENGL 498</td>
<td>Internship in Writing</td>
</tr>
</tbody>
</table>

1 Strongly recommended, but should not be taken until student has successfully completed at least three other courses in the array.

Note: Students will need to earn at least 48 unique credits between any approved English program combinations and for other program combinations where course work overlaps for purposes of meeting graduation requirements for first and second degree programs.

### English, Rhetorics of Science, Technology, and Culture, Minor

#### Liberal Arts (Code 540-414)

Twenty-six semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 210</td>
<td>Introduction to Critical Studies</td>
</tr>
<tr>
<td>ENGL 212</td>
<td>Histories and Theories of Rhetoric</td>
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</tbody>
</table>

Select nine credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 307</td>
<td>Editing and Publications Management</td>
</tr>
<tr>
<td>ENGL 312</td>
<td>Science Writing</td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>ENGL 314</td>
<td>Cultural Rhetorics</td>
</tr>
<tr>
<td>ENGL 315</td>
<td>Visual Rhetorics of Science, Technology, and Culture</td>
</tr>
<tr>
<td>ENGL 409</td>
<td>Grant Proposal Writing</td>
</tr>
<tr>
<td>ENGL 415</td>
<td>Seminar in Science and Nature Writing</td>
</tr>
<tr>
<td>ENGL 498</td>
<td>Internship in Writing</td>
</tr>
</tbody>
</table>

or three credits outside the department with advisor approval

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 455</td>
<td>Seminar in Rhetorics of Science, Technology, and Culture</td>
</tr>
</tbody>
</table>

### Information for English Majors and Minors

#### British Literature/Culture before 1790

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENGL 252</td>
<td>Perspectives on Pre-1790 British Literature</td>
</tr>
<tr>
<td>ENGL 257</td>
<td>Representative Shakespeare</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Chaucer and His Age</td>
</tr>
<tr>
<td>ENGL 352</td>
<td>Topics in British Literature Before 1790</td>
</tr>
<tr>
<td>ENGL 357</td>
<td>Shakespearean Topics</td>
</tr>
<tr>
<td>ENGL 452</td>
<td>Seminar in Early British Literature</td>
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#### British Literature/Culture after 1790

<table>
<thead>
<tr>
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<th>Title</th>
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<tr>
<td>ENGL 259</td>
<td>Perspectives on British Literature After 1790</td>
</tr>
<tr>
<td>ENGL 359</td>
<td>Topics in British Literature After 1790</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Studies in Transatlantic Romanticism</td>
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<tr>
<td>ENGL 459</td>
<td>Seminar in British Literature After 1790</td>
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#### American Literature/Culture before 1865

<table>
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<tr>
<td>ENGL 243</td>
<td>American Literature to 1865</td>
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<tr>
<td>ENGL 340</td>
<td>Topics in American Literature to 1865</td>
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<tr>
<td>ENGL 440</td>
<td>Seminar in American Literature Before 1865</td>
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#### American Literature/Culture after 1865

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<tr>
<td>ENGL 244</td>
<td>American Literature from 1865-1945</td>
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<td>ENGL 245</td>
<td>American Literature Since 1945</td>
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<tr>
<td>ENGL 348</td>
<td>Topics in American Literature: 1865 - Present</td>
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<tr>
<td>ENGL 448</td>
<td>Seminar in American Literature Since 1865</td>
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#### World/Post-Colonial Literature/Culture

<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>ENGL 130</td>
<td>Introduction to World/Postcolonial Literature</td>
</tr>
<tr>
<td>ENGL 230</td>
<td>Survey of World/Postcolonial Literature</td>
</tr>
<tr>
<td>ENGL 330</td>
<td>Topics in World/Postcolonial Literature</td>
</tr>
<tr>
<td>ENGL/WGSS 332</td>
<td>Women in African Literature</td>
</tr>
<tr>
<td>ENGL 430</td>
<td>Seminar in World/Postcolonial Literature</td>
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#### American Ethnic Literature/Culture

<table>
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<tbody>
<tr>
<td>ENGL/AIS 142</td>
<td>Introduction to American Indian Literatures</td>
</tr>
<tr>
<td>ENGL/AIS 242</td>
<td>The American Indian in Literature and Film</td>
</tr>
<tr>
<td>ENGL 268</td>
<td>Survey of American Ethnic Literature</td>
</tr>
<tr>
<td>ENGL/AIS 345</td>
<td>American Indian Autobiography</td>
</tr>
<tr>
<td>ENGL/AIS 346</td>
<td>Major Works in American Indian Literature</td>
</tr>
<tr>
<td>ENGL 368</td>
<td>Topics in American Ethnic Literature</td>
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<tr>
<td>ENGL 468</td>
<td>Seminar in American Ethnic Literature</td>
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</tbody>
</table>

Note: Students will need to earn at least 48 unique credits between any approved English program combinations for purposes of meeting graduation requirements for first and second degree programs.
Women’s Literature/Culture
ENGL/WGSS 296 Perspectives on Women's Literature 3
ENGL/WGSS 396 Studies in Women's Literature 3
ENGL 496 Seminar in Women's Literature 3

Theory, Film, and Popular Culture Studies
ENGL 181 Making Sense of the Movies 3-4
ENGL 272 Perspectives in Popular Texts 3
ENGL 281 Critical Perspectives on Film 3-4
ENGL 372 Topics in Popular Culture 3
ENGL 381 Critical Studies in Film and Culture 3-4
ENGL 384 Studies in Theory and Criticism 3
ENGL 481 Seminar in Film, Video, and Moving-Image Culture 3-4
ENGL 484 Seminar in Critical Theory 3

Additional Courses in Literature/Culture
ENGL 150 Introduction to Literature 3
ENGL/CJ 273 Creative and Narrative Nonfiction 3
ENGL 274 The Short Story 3
ENGL 275 The Novel 3
ENGL 276 Poetry 3
ENGL 277 Drama 3
ENGL 392 Major Themes in Literature 1-3

Creative Writing
ENGL 220 Introduction to Creative Writing 3
ENGL 310 Intermediate Poetry Writing 3
ENGL 311 Intermediate Fiction/Nonfiction Writing 3
ENGL 410 Creative Writing Workshop - Poetry 3
ENGL 411 Creative Writing Workshop - Fiction 3
ENGL 412 Seminar in Nonfiction Writing 3
ENGL 413 Prose Writing Workshop-Topics 3

Linguistics
ENGL 121 Busting Language Myths 3
ENGL 221 Introductory English Linguistics 3
ENGL 321 Topics in the Structure of English 3
ENGL 325 Topics in Language in Society 3
ENGL 421 Seminar in Linguistic Research 3

Rhetorics of Science, Technology, and Culture
ENGL 212 Histories and Theories of Rhetoric 3
ENGL 307 Editing and Publications Management 3
ENGL 312 Science Writing 3
ENGL 313 Technical Writing 3
ENGL 314 Cultural Rhetorics 3
ENGL 315 Visual Rhetorics of Science, Technology, and Culture 3
ENGL 409 Grant Proposal Writing 3
ENGL 415 Seminar in Science and Nature Writing 3
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture 3

Geography and Anthropology
Phillips 257
715-836-3244
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/geography-anthropology)

Geographers describe, analyze, and explain the patterns and processes of natural environmental and the human cultural systems of the earth. They emphasize the importance of the location and patterns of people, places, and events; the physical and human characteristics of regions; and the relations between people, places, culture, and environment.

With training in both the natural and social sciences, and the tools and perspectives for understanding them, geographers have a wide range of career opportunities in public and private sectors. Geographers find work in such fields as municipal and regional planning, marketing, real estate, tourism, transportation, teaching, environmental analysis, and natural resource management. Geographers are increasingly in demand for jobs that require expertise in geospatial techniques, such as geographic information systems (GIS), global positioning systems (GPS), remote sensing, and computer cartography.

The discipline of anthropology adopts an integrative, comprehensive approach to the study of humankind. Anthropologists seek to understand human conditions by examining the biological evolution of human beings, the human capacity to create culture, and the diverse ways of life developed by societies around the world.

Honor Societies, Student Organizations, and Internships
GTU: Gamma Theta Upsilon is an international honor society in geography.

Contact: Ryan Weichelt, weicherd@uwec.edu

Geography & Anthropology Club
Contact: Ezra Zeitler, zeitleej@uwec.edu or Ryan Weichelt, weicherd@uwec.edu

Internship Opportunities
For information, contact your advisor

Departmental Honors in Geography and Anthropology
The Department of Geography and Anthropology encourages and creates opportunities for all of its students to participate in research and creative learning activities with department faculty. Especially motivated and high-achieving students are invited to pursue Departmental Honors in Geography or Anthropology. The Departmental Honors Program enhances students’ undergraduate experience, recognizes outstanding work and achievement, and can open up exceptional educational and professional opportunities.

Eligibility:
Must be a declared major or minor, have completed the core introductory courses (GEOG 104, GEOG 111, GEOG 178, and GEOG 200 or ANTH 161, ANTH 165, ANTH 169, and an area course), and have resident and major/minor GPAs of at least 3.50.

Application Procedures:
Student applicants should submit an electronic application for Departmental Honors in Geography or Anthropology to the Department Chair – through the applicant’s advisor – for approval as soon as interested and eligible, but no later than prior to the start of the student’s final semester before graduation. Department faculty and staff may also identify qualified students and encourage them to apply. The e-form application should elaborate on professional activities, research interests, and aspirations; an unofficial copy of transcripts should be attached. Final approval and recommendation for Departmental Honors will be made following satisfactory completion of all requirements (see below). Please see the Department Chair for more information and application details.

Requirements:

1. Conduct research and disseminate results: Satisfactorily complete one substantial faculty-student research collaboration in Geography or Anthropology that results in
   a. a presentation at a regional, national, or international professional conference; and
   b. an oral presentation to be given to at least three members of the faculty in such forums as departmental capstone presentations, regional conferences, UW-Eau Claire’s annual Provost’s Honors Symposium or professionally comparable venues.
2. Satisfactorily complete GEOG 401 or ANTH 499, to include a thesis or substantial paper written under the supervision of a Geography or Anthropology faculty member, or publish collaborative research results (see Requirement #1) in a peer-reviewed journal.
3. Maintain a 3.5 cumulative resident GPA and a 3.5 GPA in Geography or Anthropology courses.

Faculty
Paul Kaldjian, Chair
Ari Anand
Douglas Faulkner
Matt Haffner
Sean Hartnett
Gloria Howerton
Harry Jol
Garry Running
Ryan Weichelt
Cyril Wilson
Ezra Zeitler
Martin Goettl, Geospatial Technology Facilitator

 Majors
- Comprehensive Major: Geography, Environmental Geography Emphasis - B.A./B.S. (p. 261)
- Comprehensive Major: Geography, Transnational Geographies Emphasis - B.A./B.S. (p. 269)
- Major: Geography - B.A./B.S. (p. 264)
- Comprehensive Major: Geospatial Analysis and Technology - B.A./B.S. (p. 273)

 Minors
- Minor: Geography, Liberal Arts (p. 267)
- Minor: Geography, Teaching (p. 268)

Certificates
- Certificate: Anthropology (p. 261)
- Certificate: Geospatial (p. 275)
- Certificate: Geospatial in Geographic Information Systems (p. 275)
- Certificate: Geospatial in Remote Sensing (p. 276)
- Certificate: Geospatial in Mapping (p. 276)

Anthropology, Certificate
(Code 470-601)

The Anthropology Certificate is a 12-credit certificate that is well defined and offers a coherent disciplinary approach to subjects that are often shared with other disciplines and fields of study such as history, culture, social processes, language, and human evolution broadly construed. In providing specifically anthropological perspectives, the certificate serves to enrich and deepen student learning in other disciplines. It complements interdisciplinary majors like American Indian Studies; Latin American Studies; Women’s, Gender, and Sexuality Studies; as well as other disciplinary majors in the humanities and the social and natural sciences, including geography, history, and biology.

12 credits, including:

Required Courses:
- ANTH/AIS 161 Introduction to Cultural Anthropology 3
- AIS 444 Indigenous Theory and Methodologies 3

Elective Courses:
- ANTH 165 Introduction to Physical Anthropology
- ANTH 169 Introduction to Archaeology
- ANTH 234 Museum Curation
- ANTH 291 Special Topics
- ANTH/GEOG 312 Space, Society, Subject
- ANTH/GEOG 313 Culture and Transnational Dynamics
- ANTH 315 Language in Culture and Society
- ANTH 325 North American Indians
- ANTH 395 Directed Studies
- ANTH 399 Independent Study - Juniors
- ANTH 422 Anthropology of Law
- ANTH 463 Religion and Culture
- ANTH 491 Special Topics
- ANTH 499 Independent Study - Seniors

One area course: A regional geography course in consultation with certificate advisor

Total Credits 12

Note: Courses included in the certificate program may not be applied to the major program.

Geography, Environmental Geography, Comprehensive Major

Liberal Arts (Code 140-007)
University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

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<tr>
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<tr>
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<td>Minor</td>
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<tr>
<td>Certificate</td>
<td>2.00 average</td>
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</table>

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Certain programs exceed this minimum.

See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major, Standard maximum 1 course</td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
</tbody>
</table>

Credit by Examination

Total degree credit maximum 1/4 of total
Major or minor maximum 1/3 of total

Two-Year College Credits

Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits

UW-System no maximum
Other extension/correspondence maximum 1/3 of total

USAFI

USAFI maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

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College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter the MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 140-007)

Comprehensive Major

A minimum of 60 semester credits, including completion of:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 178</td>
<td>Conservation of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 200</td>
<td>Foundations of Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 401</td>
<td>Capstone Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>
Five additional courses to be selected from three of five Advanced Geography Approaches

1 One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester.

Environmental Geography
Geography major coursework plus 12 credits from environmental courses from other disciplines (selected with consent of advisor)
Geography electives to complete 60 credits; at least one elective must be an upper level Physical Geography course and one elective must be an upper level Human-Environmental Geography course

Advanced Geography Approaches
Five courses from at least three advanced approaches are required for major programs. Four courses from at least three advanced approaches are required for minor programs.

Physical Geography
GEOG 304 Introduction to Geomorphology 4
GEOG 340 Climatology 3
GEOG 345 Quaternary Environments 3
GEOG 350 Soils and the Environment 4
GEOG 355 Biogeography 4
GEOG 363 Watershed Analysis 4
GEOG 364 Fluvial Processes and Landforms 4

Human-Environmental Geography
GEOG 270 Land Use Issues and Problems 3
GEOG 341 Weather and Society 3
GEOG 361 Environmental Hazards 3
GEOG 365 Tourism Geographies 3
GEOG 375 Environmental Quality 3
GEOG 377 U.S. Environmental and Sustainability Policy 3
GEOG 378 International Environmental Problems and Policy 3
GEOG 388 Military Geography 3
GEOG 445 Historical Geography 3

Human Geography
GEOG 155 Economic Geography 3
GEOG 188 Cultural Landscapes of North America 3
GEOG 312 Space, Society, Subject 3
GEOG 313 Culture and Transnational Dynamics 3
GEOG 322 Native Geographies 3
GEOG 352 Business Geographics 3
GEOG 366 Geography International Immersion Experience 1-3
GEOG 367 Landscape Analysis: Cultural 3
GEOG 369 Geography of Food 3
GEOG 446 Political Geography 3
GEOG 470 Urban Geography 3

Geography, Major
Liberal Arts (Code 140-214)

University Requirements

Graduation Requirements for Baccalaureate Degree

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)
Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average
University Residency Requirements (p. 50)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
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<tr>
<td>Major, Standard, upper</td>
<td>12</td>
</tr>
<tr>
<td>division in residence</td>
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<td>Major, Comprehensive,</td>
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<tr>
<td>upper division in</td>
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<tr>
<td>residence</td>
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<tr>
<td>Certificate</td>
<td>25 percent</td>
</tr>
<tr>
<td>of credits</td>
<td></td>
</tr>
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</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
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Applicability of Credits Toward Graduation

Satisfactory/Unsatisfactory

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<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
</tbody>
</table>

Major, Comprehensive

| maximum 2 courses |

Credit by Examination

| Total degree credit | maximum ¼ of total |

Major or minor

| maximum ½ of total |

Two-Year College Credits

| Total degree credit | maximum 72 credits |

Activity credit (band, chorus, drama, KINS 100-184)

| Total KINS 100-184 | maximum 1 credit |

| Total Band, chorus, drama | maximum 12 credits |

| Single course band, chorus, drama | maximum 4 credits |

Extension credits

| UW-System | no maximum |

| Other extension/correspondence | maximum ¼ of total |

USAFI

| USAFI | maximum 32 credits |

Liberal Education Core

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Liberal Education Core Requirements

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<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |

One S1 must meet the University Writing Requirement (p. 49)
**Skills Outcome 2 (S2): Mathematics**
One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

**Skills Outcome 3 (S3): Creativity**
One (1) learning experiences

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives
One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues
One (1) learning experiences

**Integration Goal**

Integration Outcome 1 (I1): Integration
Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

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**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

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**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 140-214)**

A minimum of 36 semester credits consisting of required courses:

<table>
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<tr>
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<th>Credits</th>
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<td>Human Geography</td>
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Five additional courses to be selected from three of five Advanced Geography Approaches

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</tr>
<tr>
<td>GEOG 340</td>
<td>Climatology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 345</td>
<td>Quaternary Environments</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 350</td>
<td>Soils and the Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 355</td>
<td>Biogeography</td>
<td>4</td>
</tr>
</tbody>
</table>

---

1 One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester

**Advanced Geography Approaches**

Five courses from at least three advanced approaches are required for major programs. Four courses from at least three advanced approaches are required for minor programs.

**Physical Geography**

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<td>GEOG 345</td>
<td>Quaternary Environments</td>
<td>3</td>
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<tr>
<td>GEOG 350</td>
<td>Soils and the Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 355</td>
<td>Biogeography</td>
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<tr>
<td>Course</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>GEOG 363</td>
<td>Watershed Analysis</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 364</td>
<td>Fluvial Processes and Landforms</td>
<td>4</td>
</tr>
<tr>
<td><strong>Human-Environmental Geography</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 270</td>
<td>Land Use Issues and Problems</td>
<td>3</td>
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<tr>
<td>GEOG 341</td>
<td>Weather and Society</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 361</td>
<td>Environmental Hazards</td>
<td>3</td>
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<td>GEOG 365</td>
<td>Tourism Geographies</td>
<td>3</td>
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<tr>
<td>GEOG 375</td>
<td>Environmental Quality</td>
<td>3</td>
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<tr>
<td>GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
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<td>GEOG 378</td>
<td>International Environmental Problems and Policy</td>
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<td>GEOG 388</td>
<td>Military Geography</td>
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<td>GEOG 445</td>
<td>Historical Geography</td>
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<td><strong>Human Geography</strong></td>
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<tr>
<td>GEOG 155</td>
<td>Economic Geography</td>
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<tr>
<td>GEOG 188</td>
<td>Cultural Landscapes of North America</td>
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<td>Space, Society, Subject</td>
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<td>GEOG 313</td>
<td>Culture and Transnational Dynamics</td>
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<td>Business Geographics</td>
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<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I 1</td>
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<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 339</td>
<td>Computer Mapping</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 358</td>
<td>LiDAR Analysis &amp; Applications</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography 1</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Unmanned Aerial Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 438</td>
<td>Advanced Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 455</td>
<td>Web Geographic Information Systems</td>
<td>3</td>
</tr>
<tr>
<td><strong>Regional Geography</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Western Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Geography of Russia and Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 319</td>
<td>Geography of the Middle East and North Africa</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 321</td>
<td>Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 325</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 379</td>
<td>Geography of Wisconsin</td>
<td>3</td>
</tr>
</tbody>
</table>

**Other Geography Courses**

The following courses can be applied to any of the five approaches with consent of the advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 368</td>
<td>Geography Field Seminar 1</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 395</td>
<td>Directed Studies</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 399</td>
<td>Independent Study - Juniors</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 491</td>
<td>Special Topics</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 498</td>
<td>Geography Internship</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 499</td>
<td>Independent Study - Seniors</td>
<td>1-3</td>
</tr>
</tbody>
</table>

1 Required courses.

**Geography, Minor - Liberal Arts**

**Liberal Arts (Code 140-410)**

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 178</td>
<td>Conservation of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 200</td>
<td>Foundations of Geography</td>
<td>3</td>
</tr>
</tbody>
</table>

Four courses to be selected from three of the five Advanced Geography Approaches (see below)

**Advanced Geography Approaches**

Five courses from at least three advanced approaches are required for major programs. Four courses from at least three advanced approaches are required for minor programs.

**Physical Geography**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 304</td>
<td>Introduction to Geomorphology</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 340</td>
<td>Climatology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 345</td>
<td>Quaternary Environments</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 350</td>
<td>Soils and the Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 355</td>
<td>Biogeography</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 363</td>
<td>Watershed Analysis</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 364</td>
<td>Fluvial Processes and Landforms</td>
<td>4</td>
</tr>
</tbody>
</table>

**Human-Environmental Geography**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 270</td>
<td>Land Use Issues and Problems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 341</td>
<td>Weather and Society</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 361</td>
<td>Environmental Hazards</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 365</td>
<td>Tourism Geographies</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 375</td>
<td>Environmental Quality</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 378</td>
<td>International Environmental Problems and Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Human Geography**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 155</td>
<td>Economic Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 188</td>
<td>Cultural Landscapes of North America</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 312</td>
<td>Space, Society, Subject</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 313</td>
<td>Culture and Transnational Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 322</td>
<td>Native Geographies</td>
<td>3</td>
</tr>
</tbody>
</table>
GEOG 352 Business Geographics 3
GEOG 366 Geography International Immersion Experience 1-3
GEOG 367 Landscape Analysis: Cultural 3
GEOG 369 Geography of Food 3
GEOG 446 Political Geography 3
GEOG 470 Urban Geography 3

**Geography Techniques**

- GEOG 280 Cartographic Design 3
- GEOG 335 Geographic Information Systems I 3
- GEOG 336 Geospatial Field Methods 3
- GEOG 337 Geographic Information Systems II 3
- GEOG 338 Remote Sensing of the Environment 3
- GEOG 339 Computer Mapping 3
- GEOG 358 LIDAR Analysis & Applications 3
- GEOG 370 Quantitative Methods in Geography 3
- GEOG 390 Unmanned Aerial Systems 3
- GEOG 435 Geographic Information Systems III 3
- GEOG 438 Advanced Remote Sensing 3
- GEOG 455 Web Geographic Information Systems 3

**Regional Geography**

- GEOG 301 Geography of Western Europe 3
- GEOG 308 Geography of Russia and Eastern Europe 3
- GEOG 319 Geography of the Middle East and North Africa 3
- GEOG 321 Geography of Latin America 3
- GEOG 325 Geography of the United States and Canada 3
- GEOG 379 Geography of Wisconsin 3

**Other Geography Courses**

The following courses can be applied to any of the five approaches with consent of the advisor:

- GEOG 368 Geography Field Seminar 3
- GEOG 395 Directed Studies 1-3
- GEOG 399 Independent Study - Juniors 1-3
- GEOG 491 Special Topics 1-3
- GEOG 498 Geography Internship 1-3
- GEOG 499 Independent Study - Seniors 1-3

1 Required courses.

**Geography, Minor - Teaching**

**Teaching (Code 140-413)**

A minimum of 24 semester credits consisting of required courses:

- GEOG 104 The Physical Environment 4
- GEOG 111 Human Geography 3
- GEOG 178 Conservation of the Environment 3
- GEOG 200 Foundations of Geography 3

Four courses to be selected from three of the five Advanced Geography Approaches (see below)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Geography in Early Adolescence through Adolescence classrooms.

**Advanced Geography Approaches**

Five courses from at least three advanced approaches are required for major programs. Four courses from at least three advanced approaches are required for minor programs.

**Physical Geography**

- GEOG 304 Introduction to Geomorphology 4
- GEOG 340 Climatology 3
- GEOG 345 Quaternary Environments 3
- GEOG 350 Soils and the Environment 4
- GEOG 355 Biogeography 4
- GEOG 363 Watershed Analysis 4
- GEOG 364 Fluvial Processes and Landforms 4

**Human-Environmental Geography**

- GEOG 270 Land Use Issues and Problems 3
- GEOG 341 Weather and Society 3
- GEOG 361 Environmental Hazards 3
- GEOG 365 Tourism Geographies 3
- GEOG 375 Environmental Quality 3
- GEOG 377 U.S. Environmental and Sustainability Policy 3
- GEOG 378 International Environmental Problems and Policy 3
- GEOG 388 Military Geography 3
- GEOG 445 Historical Geography 3

**Human Geography**

- GEOG 155 Economic Geography 3
- GEOG 188 Cultural Landscapes of North America 3
- GEOG 312 Space, Society, Subject 3
- GEOG 313 Culture and Transnational Dynamics 3
- GEOG 322 Native Geographies 3
- GEOG 352 Business Geographics 3
- GEOG 366 Geography International Immersion Experience 1-3
- GEOG 367 Landscape Analysis: Cultural 3
- GEOG 369 Geography of Food 3
- GEOG 446 Political Geography 3
- GEOG 470 Urban Geography 3

**Geography Techniques**

- GEOG 280 Cartographic Design 3
- GEOG 335 Geographic Information Systems I 3
- GEOG 336 Geospatial Field Methods 3
- GEOG 337 Geographic Information Systems II 3
- GEOG 338 Remote Sensing of the Environment 3
- GEOG 339 Computer Mapping 3
- GEOG 358 LIDAR Analysis & Applications 3
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Unmanned Aerial Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 438</td>
<td>Advanced Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 455</td>
<td>Web Geographic Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

**Regional Geography**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 301</td>
<td>Geography of Western Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Geography of Russia and Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 319</td>
<td>Geography of the Middle East and North Africa</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 321</td>
<td>Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 325</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 379</td>
<td>Geography of Wisconsin</td>
<td>3</td>
</tr>
</tbody>
</table>

**Other Geography Courses**

The following courses can be applied to any of the five approaches with consent of the advisor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 368</td>
<td>Geography Field Seminar</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 395</td>
<td>Directed Studies</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 399</td>
<td>Independent Study - Juniors</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 491</td>
<td>Special Topics</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 498</td>
<td>Geography Internship</td>
<td>1-3</td>
</tr>
<tr>
<td>GEOG 499</td>
<td>Independent Study - Seniors</td>
<td>1-3</td>
</tr>
</tbody>
</table>

1 Required courses.

**Geography, Transnational Geographies, Comprehensive Major**

**Liberal Arts (Code 140-009)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Concentrations (p. 50)</strong> 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

**Certificate**

25 percent of credits

**Procedures Required for Graduation**

1. Obtain admission to the degree program and/or the College offering it.
2. Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits
Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)
University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.
Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 140-009)

Comprehensive Major

A minimum of 60 semester credits, including completion of the following:

- GEOG 104 The Physical Environment 4
- GEOG 111 Human Geography 3
- GEOG 178 Conservation of the Environment 3
- GEOG 200 Foundations of Geography 3
- GEOG 335 Geographic Information Systems I 3
- GEOG 370 Quantitative Methods in Geography 3
- GEOG 401 Capstone Seminar 3

Five additional courses selected from three of five Advanced Geography Approaches 1

One of the following GEOG/ANTH courses that will count toward the geography elective:

- GEOG/ANTH 312 Space, Society, Subject
- GEOG/ANTH 313 Culture and Transnational Dynamics
- WGSS 335 Transnational Feminism 3

Three courses from the following two categories, and at least one from each:

Category I - Approach and Perspective 3-6

- AIS 444 Indigenous Theory and Methodologies
- ENGL 330 Topics in World/Postcolonial Literature
- ES 385 Social Foundations: Human Relations
- HIST 382 Imperialism Since 1800
- WGSS 301 Examining Women’s, Gender, and Sexuality Studies

Category II - Thematic Content 3-6

- AIS 343 Contemporary American Indian Communities
- ECON 330 Experiences of Minoritized Groups in U.S. Economy
- ECON/LAS 356 Economic Development of Latin America
- ECON/WGSS 357 Women and Economic Development
- ENGL 130 Introduction to World/Postcolonial Literature
- ENGL/AIS 142 Introduction to American Indian Literatures
- ENGL 230 Survey of World/Postcolonial Literature
- ENGL/AIS 242 The American Indian in Literature and Film
- ENGL 268 Survey of American Ethnic Literature
- ENGL/AIS 345 American Indian Autobiography
- ENGL/AIS 346 Major Works in American Indian Literature
- ENGL 368 Topics in American Ethnic Literature
- FLTR/LAS 350 Latin American Literature in Translation
- FLTR 392 Foreign Film as Cultural Expression
- HIST/AIS 240 American Indian History
- HIST/AIS 369 Wisconsin Indian History
- HIST/LAS 311 Latin America Since Independence
- HIST/WGSS 313 Gender, Sex, and Science in European History
- HIST 292 Origins of Current World Conflicts
- HIST 317 Studies in the History of Race in the U.S.
- HIST 318 Studies in the History of European and Mediterranean Worlds
- HIST 319 Studies in Comparative, Transnational and Pacific World History
- HIST 325 History and Memory in Europe
- HIST 326 Twentieth Century Europe, 1900 to Present

Transnational Geographies

The Transnational Geographies Emphasis provides an opportunity for students interested in graduate work or employment in the areas of civic governance and policies, transnational work in the public or private sectors, and non-profit developmental organizations. It is intended for students who are interested in cultural difference, social justice, ethnographic field research, work or study abroad, or for those who desire strong preparation for graduate programs in human/cultural geography or anthropology. Requires completion of the core, the required credits, and departmental and non-departmental electives as listed below to total at least 60 credits. In addition to the requirements for the geography liberal education degree, students in the Transnational Emphasis must take:

1 One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester.
Advanced Geography Approaches

Five courses from at least three advanced approaches are required for major programs. Four courses from at least three advanced approaches are required for minor programs.

**Physical Geography**
- GEOG 304 Introduction to Geomorphology 4
- GEOG 340 Climatology 3
- GEOG 345 Quaternary Environments 3
- GEOG 350 Soils and the Environment 4
- GEOG 355 Biogeography 4
- GEOG 363 Watershed Analysis 4
- GEOG 364 Fluvial Processes and Landforms 4

**Human-Environmental Geography**
- GEOG 270 Land Use Issues and Problems 3
- GEOG 341 Weather and Society 3
- GEOG 361 Environmental Hazards 3
- GEOG 365 Tourism Geographies 3
- GEOG 375 Environmental Quality 3
- GEOG 377 U.S. Environmental and Sustainability Policy 3
- GEOG 378 International Environmental Problems and Policy 3
- GEOG 388 Military Geography 3
- GEOG 445 Historical Geography 3

**Human Geography**
- GEOG 155 Economic Geography 3
- GEOG 188 Cultural Landscapes of North America 3
- GEOG 312 Space, Society, Subject 3
- GEOG 313 Culture and Transnational Dynamics 3
- GEOG 322 Native Geographies 3
- GEOG 352 Business Geographics 3
- GEOG 366 Geography International Immersion Experience 1-3
- GEOG 367 Landscape Analysis: Cultural 3
- GEOG 369 Geography of Food 3
- GEOG 446 Political Geography 3
- GEOG 470 Urban Geography 3

**Geography Techniques**
- GEOG 280 Cartographic Design 3
- GEOG 335 Geographic Information Systems 1 3
- GEOG 336 Geospatial Field Methods 3
- GEOG 337 Geographic Information Systems II 3
- GEOG 338 Remote Sensing of the Environment 3
- GEOG 339 Computer Mapping 3
- GEOG 358 LIDAR Analysis & Applications 3
- GEOG 370 Quantitative Methods in Geography 1 3
- GEOG 390 Unmanned Aerial Systems 3
- GEOG 435 Geographic Information Systems III 3
- GEOG 438 Advanced Remote Sensing 3
- GEOG 455 Web Geographic Information Systems 3

**Regional Geography**
- GEOG 301 Geography of Western Europe 3
- GEOG 308 Geography of Russia and Eastern Europe 3
- GEOG 319 Geography of the Middle East and North Africa 3
- GEOG 321 Geography of Latin America 3
- GEOG 325 Geography of the United States and Canada 3
- GEOG 379 Geography of Wisconsin 3

**Other Geography Courses**
The following courses can be applied to any of the five approaches with consent of the advisor:
- GEOG 368 Geography Field Seminar 1 3
GEOG 395 Directed Studies 1-3
GEOG 399 Independent Study - Juniors 1-3
GEOG 491 Special Topics 1-3
GEOG 498 Geography Internship 1-3
GEOG 499 Independent Study - Seniors 1-3

1 Required courses.

Geospatial Analysis and Technology, Comprehensive Major

Liberal Arts (Code 141-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAfi Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION Credit Restrictions

Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAfi
USAfi maximum 32 credits
**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

<table>
<thead>
<tr>
<th>LIBERAL EDUCATION CORE REQUIREMENTS</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
</table>

**Knowledge Goal**

<table>
<thead>
<tr>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

| One experience in laboratory science must be selected from either K1 or K2. |
| One experience in laboratory science must be selected from either K1 or K2. |

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Integration Goal**

| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |

**Service-Learning Goal**

| Service-Learning (http://catalog.uwec.edu/undergraduate/service-learning) | 30 hours |

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.
Major Requirements
Liberal Arts (Code 141-001)

The Geospatial Analysis and Technology major will ground students in current geographic and geospatial traditions in a multidisciplinary learning approach. This comprehensive major integrates tools and skills with an engaging curriculum and high impact practices, such as internships and undergraduate research opportunities. It engages critical thinking both inside and outside the classroom. Specific areas of interest include Geographic Information Systems, Remote Sensing, LiDAR, Field Data Collection, Business Geographics, and Unmanned Aerial Systems.

Minimum of 60 semester credits including:

**Introductory Geospatial Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 135</td>
<td>Introduction to Geospatial Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 200</td>
<td>Foundations of Geography</td>
<td>3</td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
</tbody>
</table>

**Upper Division Geospatial Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 401</td>
<td>Capstone Seminar</td>
<td>3</td>
</tr>
<tr>
<td>or GEOG 498</td>
<td>Geography Internship</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
<tr>
<td>or GEOG 438</td>
<td>Advanced Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>Any 300 or 400 level non-geospatial geography course</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Electives (at least 17 credits selected from the following partial list)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 383</td>
<td>Biostatistics</td>
<td></td>
</tr>
<tr>
<td>CS 319</td>
<td>Introduction to Web Programming</td>
<td></td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Technical Writing</td>
<td></td>
</tr>
<tr>
<td>GEOG 352</td>
<td>Business Geographics</td>
<td></td>
</tr>
<tr>
<td>GEOG 358</td>
<td>LiDAR Analysis &amp; Applications</td>
<td></td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Unmanned Aerial Systems</td>
<td></td>
</tr>
<tr>
<td>IS 304</td>
<td>Fundamentals of Business Programming</td>
<td></td>
</tr>
<tr>
<td>IS 310</td>
<td>Systems Analysis and Design</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits**

60

Footnotes:

1. At least 6 elective credits must be from courses offered outside geography. Note that this is only a partial list -- consult your advisor about other electives that would be appropriate for the geospatial analysis and technology comprehensive major.

2. Advisor consent is required to include non-geography geospatially-related elective courses.

Geospatial, Certificate
(Code 140-601)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. For advising, see Professor Ryan Weichelt (Geography and Anthropology).

All students will take these four core courses.

Twelve semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits**

12

Students who wish to specialize can choose one of the following options.

- Geospatial Certificate in Geographic Information Systems (p. 275)
- Geospatial Certificate in Remote Sensing (p. 276)
- Geospatial Certificate in Mapping (p. 276)

Note: Students can only receive one of the three specialized certificates, due to the potential overlap between the electives. Students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program.

Geospatial, Geographic Information Systems, Certificate
(Code 140-602)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. For advising, see Professor Ryan Weichelt (Geography and Anthropology).

Eighteen semester credits, including:

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives, select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 455</td>
<td>Web Geographic Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students can only receive one of the three specialized certificates, due to the potential overlap between the electives. Students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program.

Geospatial, Mapping, Certificate

(Code 140-604)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. For advising, see Professor Ryan Weichelt (Geography and Anthropology).

Eighteen semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives, select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 370</td>
<td>Quantitative Methods in Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 455</td>
<td>Web Geographic Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students can only receive one of the three specialized certificates, due to the potential overlap between the electives. Students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program.

Geospatial, Remote Sensing, Certificate

(Code 140-603)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. For advising, see Professor Ryan Weichelt (Geography and Anthropology).

Eighteen semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 335</td>
<td>Geographic Information Systems I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 336</td>
<td>Geospatial Field Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 337</td>
<td>Geographic Information Systems II</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives, select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 435</td>
<td>Advanced Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 455</td>
<td>Web Geographic Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Note: Students can only receive one of the three specialized certificates, due to the potential overlap between the electives. Students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program.

Geology

Phillips 157
715-836-3732
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/geology)

Geology is the study of the earth and earth processes. Geologists work to solve environmental problems and supervise the exploration and development of earth resources. They are employed in the environmental industry, the mining
industry, regulatory agencies such as the DNR and EPA, and as educators. Although many professions in geology require graduate school training, a bachelor's degree in geology allows career options in geology, environmental geology, and other professional fields such as resource law and engineering. The Geology Department provides a rigorous but flexible program, and stresses the importance of a broad science curriculum. A curriculum balancing field and laboratory experience is tailored to meet the needs of each individual. The geology major is flexible enough to allow individual students to customize their program. Examples of customized programs (to be designed working with an advisor) include Marine Geology, Geochemistry, and Geophysics.

Honor Societies and Student Organizations

The Geology Department offers one student organization. The Geology Club is open to all majors and minors. Geology students participate in group activities through the club, organize the annual spring banquet, and participate in service activities. Please visit the department office for more information.

Departmental Honors Programs in Geology

Entrance Requirements: Admission is by departmental invitation, usually upon completion of Geology 470. In order to be considered, Geology majors should carry a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Requirements for Continued Participation: Students should maintain a minimum 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Graduation Requirements:

1. Satisfactorily complete one substantial faculty–student research collaboration in Geology that results in a presentation at a regional, national, or international professional conference.
2. Satisfactorily complete GEOL 395, GEOL 399, or GEOL 499, which include an Honors capstone thesis or substantial paper written under the supervision of a Geology faculty member, or publish the collaborative research results in a peer-reviewed journal.
3. Maintain a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Satisfactory/Unsatisfactory Policy.

No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Faculty

Phillip D. Ihinger, Chair
Scott K. Clark
Karen G. Havholm
Robert L. Hooper
Robert W.D. Lodge
J. Brian Mahoney
Lori D. Snyder
Kent M. Syverson
Sarah A. Vitale

Majors

- Comprehensive Major: Geology, General Geology Emphasis, Liberal Arts - B.A./B.S. (p. 287)
- Comprehensive Major: Geology, Hydrogeology and Water Chemistry Emphasis, Liberal Arts - B.A./B.S. (p. 290)
- Comprehensive Major: Geology, Environmental Science Emphasis, Liberal Arts - B.A./B.S. (p. 284)
- Comprehensive Major: Geology, Dual Degree Geological Engineering Emphasis, Liberal Arts - B.A./B.S. (p. 277)
- Comprehensive Major: Geology, Earth and Space Science Emphasis, Teaching - B.S. (p. 280)
- Major: Geology, Liberal Arts - B.A./B.S. (p. 292)

Minors

- Minor: Geology, Liberal Arts (p. 295)
- Minor: Geology, Teaching (p. 295)

Certificates

- Certificate: Earth Resources (p. 69)
- Certificate: Responsible Mining (p. 95)
- Certificate: Water Resources (p. 134)

Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major

Liberal Arts (Code 160-014)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

1 Certain programs exceed this minimum.
2 See special requirements in each College.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total degree credit</th>
<th>Major or minor</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
<td>maximum 72 credits</td>
<td>maximum ½ of total</td>
<td>maximum 12 credits</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

### Extension Credits

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

### USAFI

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

| Skills Goal                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)                                                                                                                                                                      | Two (2) learning experiences |
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)                                                                                                                                                                                         | One (1) learning experience |
| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)                                                                                                                                                                                         | One (1) learning experience |

| Responsibility Goal                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)                                                                                                                                   | Two (2) learning experiences |
| Responsibility Outcome 2 (R2): Sustainability (http://catalog.uwec.edu/undergraduate/attribute-R2)                                                                                                                                                  | Two (2) learning experiences |
| Responsibility Outcome 3 (R3): Innovation (http://catalog.uwec.edu/undergraduate/attribute-R3)                                                                                                                                                   | Two (2) learning experiences |
| Responsibility Outcome 4 (R4): Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)                                                                                                                                                    | Two (2) learning experiences |

### Learning Outcomes

#### Responsibility Goal 1: Equity, Diversity, and Inclusivity

<table>
<thead>
<tr>
<th>Learning Goal</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility 1: Equity, Diversity, and Inclusivity</td>
<td>Students will be able to critically analyze their own attitudes and values and those of others.</td>
</tr>
<tr>
<td>Responsibility 2: Sustainability</td>
<td>Students will be able to critically analyze and understand the challenges and opportunities of sustainability.</td>
</tr>
<tr>
<td>Responsibility 3: Innovation</td>
<td>Students will be able to critically analyze and understand the importance of innovation in society.</td>
</tr>
<tr>
<td>Responsibility 4: Design for Diversity</td>
<td>Students will be able to critically analyze and understand the importance of design in diverse contexts.</td>
</tr>
</tbody>
</table>

#### Liberal Education Core

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liberal Education Core Requirements 11 Learning Outcomes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility 1: Equity, Diversity, and Inclusivity</td>
<td>Students will be able to critically analyze their own attitudes and values and those of others.</td>
</tr>
<tr>
<td>Responsibility 2: Sustainability</td>
<td>Students will be able to critically analyze and understand the challenges and opportunities of sustainability.</td>
</tr>
<tr>
<td>Responsibility 3: Innovation</td>
<td>Students will be able to critically analyze and understand the importance of innovation in society.</td>
</tr>
<tr>
<td>Responsibility 4: Design for Diversity</td>
<td>Students will be able to critically analyze and understand the importance of design in diverse contexts.</td>
</tr>
</tbody>
</table>

### Additional Information

- **Responsibility Goal**: These learning goals are designed to prepare students to be active and informed citizens who can engage in the complex world around them, with an awareness of the responsibilities they hold as members of a diverse society.
- **Liberal Education Core**: This core curriculum ensures that students develop a broad understanding of the world and acquire the skills necessary for lifelong learning.
- **Skills Goal**: These skills are essential for success in both personal and professional endeavors, including effective communication, critical thinking, and problem-solving.
- **Knowledge Goal**: These areas of knowledge provide a solid foundation for further study and lifelong learning.
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 160-014)

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

23-25 credits

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 312</td>
<td>Mineralogy and Petrology I</td>
</tr>
<tr>
<td>GEOL 320</td>
<td>Sedimentology and Stratigraphy</td>
</tr>
<tr>
<td>GEOL 468</td>
<td>Computers in Geology</td>
</tr>
<tr>
<td>GEOL 470</td>
<td>Field Geology I</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles (or equivalent)</td>
</tr>
</tbody>
</table>

Capstone Experience 1 0-2

1 Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

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 Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

 College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

 Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

 Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).
Dual Degree Geological Engineering Emphasis
This emphasis combines the benefits of a traditional geology degree with those of a formal engineering education. In this program students receive a UW-Eau Claire geology degree in conjunction with a bachelor’s degree in engineering from the University of Minnesota. Students will typically complete most of the UW-Eau Claire University requirements and Dual Degree geology requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete a minimum of 84 semester credits before transferring to the engineering school, 56 of which must be taken in residence at UW-Eau Claire.

This emphasis comprises the geology Core plus the required credits as listed below. Successful completion of Geol 470 with a grade of C or above will constitute completion of the capstone experience. Students should visit the department office for a sample course schedule that would allow them to complete three full years at UW-Eau Claire and be prepared to transfer to the University of Minnesota for an additional one to two years.

Students must fulfill the liberal education requirements of both UW-Eau Claire and the University of Minnesota. This can be accomplished in a reasonable manner with careful course selection. Please see Geology advisor.

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 315</td>
<td>Hydrogeology I</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 330</td>
<td>Structural Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 345</td>
<td>Geomorphology and Aerial Photography Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>or GEOL 420</td>
<td>Glacial Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 461</td>
<td>Applied Geophysics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 216</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 255</td>
<td>Statics</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTES:
1) For students planning to practice as professional engineers, GEOG 335; GEOL 416 at UW-Eau Claire or equivalent courses at University of Minnesota are strongly recommended.
2) Students should plan on taking MATH 311 (UW-Eau Claire; Differential Equations) or Math 2243 (University of Minnesota; Differential Equations and Linear Algebra) prior to the first semester at University of Minnesota. Differential Equations is a prerequisite for the fluid mechanics course which is to be taken during the first semester at UM.
3) No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Geology, Earth and Space Science Emphasis, Comprehensive Major - Teaching

Teaching (Code 160-015)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.
1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).
Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit</th>
<th>maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major, Standard</td>
<td>maximum 1</td>
<td>course</td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive</td>
<td>maximum 2</td>
<td>courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>Total degree credit</td>
<td>maximum ¼ of total credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major or minor</td>
<td>maximum ½ of total credit</td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Band, chorus, drama</td>
<td>maximum 12</td>
<td>credits</td>
</tr>
<tr>
<td></td>
<td>Single course band, chorus, drama</td>
<td>maximum 4</td>
<td>credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System</td>
<td>no maximum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total credit</td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI</td>
<td>maximum 32</td>
<td>credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)

Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)

One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)

One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13)

Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)

One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)

One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.

2. Grade point requirements:

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.75</td>
</tr>
<tr>
<td>Total</td>
<td>2.75</td>
</tr>
<tr>
<td>Major</td>
<td>2.75</td>
</tr>
<tr>
<td>Minor (for certification only)</td>
<td>2.75</td>
</tr>
</tbody>
</table>

College Degree Requirements
3. Residency requirements:
   - Minimum Total: 30 credits
     - Senior Year: 23 credits
     - Major, in upper division courses: 12 credits
     - Comprehensive Major, in upper division courses: 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.

5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

**Early Adolescence Through Adolescence and Early Childhood through Adolescence**
(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Teaching Licensure Requirements - EA-A Licensure**

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**
**Professional Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

**Approved Majors and Minors for Option B**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 180 or GEOG 178</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>ETS 5081</td>
<td></td>
</tr>
<tr>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ES 356</td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
<td></td>
</tr>
<tr>
<td>ETS 5038</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5061</td>
<td>ES 357</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5081</td>
<td>ES 356</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
<td></td>
</tr>
</tbody>
</table>

**Majors**

<table>
<thead>
<tr>
<th>Biology</th>
<th>080-205</th>
<th>ES 360 (F)</th>
<th>BIOL 180 or GEOG 178</th>
<th>ETS 5435</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>
### Minors

<table>
<thead>
<tr>
<th>Minor</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-03</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-06</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-03</td>
<td>KINS 492</td>
<td>no addt'l exam</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>360-04</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or</td>
<td>ETS 5081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GEOG 178</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td>540-08</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>260-04</td>
<td>ES 366 (F) in language</td>
<td>Study abroad</td>
<td>WPT and OPIc</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geography</td>
<td>140-13</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or</td>
<td>ETS 5081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Geology</td>
<td>160-02</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-04</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPIc</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>380-04</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or</td>
<td>ETS 5081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-47</td>
<td></td>
<td></td>
<td>ETS 5146</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-07</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-03</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-03</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or</td>
<td>ETS 5081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td>480-04</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or</td>
<td>ETS 5081</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Spanish</td>
<td>320-05</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPIc</td>
</tr>
</tbody>
</table>

### Teaching (Code 160-015)

#### Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

<table>
<thead>
<tr>
<th>23-25 credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following:</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
</tr>
</tbody>
</table>

#### Required Courses

- **Minors**
- **Electives**
- **Praxis II or ACTFL Content Test Required**

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

### Earth and Space Science Emphasis

This emphasis is for students planning to teach Earth and Space Science at the middle or high school level. In addition to a focus on geology, oceanography, astronomy, and meteorology, this major also provides the breadth required to be well-rounded in science. This emphasis includes the Core plus required and elective credits as listed below.

Sixty semester credits, including the core and the following:

#### Required Courses

- **Capstone Experience**: Each major is required to complete a capstone experience.

- **Electives**

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.
GEOL 102 Oceanography 3
GEOL 301 Earth Resources 3
or GEOL 308 Water Resources
GEOL 418 Earth History 4
PHYS 211 General Physics 5
or PHYS 231 University Physics I
PHYS 226 Astronomy-Solar System 4
MATH 114 Calculus I 4
GEOG 178 Conservation of the Environment 3
or BIOL 180 Environmental Biology and Conservation
GEOG 340 Climatology 3
or GEOG 361 Environmental Hazards

Plus electives to total at least 60 credits selected from the following:

PHYS 212 General Physics
or PHYS 232 University Physics II
PHYS 229 Astronomy-Stars and Galaxies
PHYS 315 The Mysterious Universe
GEOG 280 Cartographic Design
GEOG 304 Introduction to Geomorphology
GEOG 338 Remote Sensing of the Environment
GEOG 350 Soils and the Environment
GEOG 363 Watershed Analysis
GEOG 364 Fluvial Processes and Landforms
or any geology course numbered 300 or higher

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms.

**Broadfield Science Licensure**

Completion of the following requirements and ES 360 adds Broadfield Science licensure to the Teaching major:

A) Select fourteen credits from one of the following areas: 14

**Area 1**

| BIOL 151 | Biology of Humans |
| BIOL 214 | Human Anatomy and Physiology I |
| BIOL 221 | Foundations of Biology I |
| BIOL 222 | Foundations of Biology II |
| BIOL 223 | Foundations of Biological Inquiry |
| BIOL 314 | Human Anatomy and Physiology II |

**Area 2**

| CHEM 213 | Quantitative Analysis |
| CHEM 218 | Introduction to Inorganic Chemistry |
| CHEM 304 | Environmental Chemistry |
| CHEM 325 | Organic Chemistry I with Laboratory |

**Area 3**

| PHYS 212 | General Physics |
| PHYS 232 | University Physics II |

and additional credits from 229 and above 232.

B) Select eight credits in each of the two areas not selected in A above:

**Area 1**

| BIOL 151 | Biology of Humans |
| BIOL 214 | Human Anatomy and Physiology I |
| BIOL 221 | Foundations of Biology I |

**Area 2**

| CHEM 213 | Quantitative Analysis |
| CHEM 218 | Introduction to Inorganic Chemistry |
| CHEM 304 | Environmental Chemistry |
| CHEM 325 | Organic Chemistry I with Laboratory |

**Area 3**

| PHYS 212 | General Physics |
| PHYS 232 | University Physics II |

and additional credits from 229 and above 232.

---

**Geology, Environmental Science Emphasis, Comprehensive Major**

**Liberal Arts (Code 160-011)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

| Minimum total for graduation | 120 |
| Upper division credits (courses numbered 300 and higher) | 39 |
| Liberal Education Core (p. 46) | 36 |

**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)**

| Total | 2.00 average |
| Resident | 2.00 average |
| Major | 2.00 average |
| Minor | 2.00 average |
| Certificate | 2.00 average |

**University Residency Requirements (p. 50)**

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

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1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as
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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity Credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>maximum 4 credits</td>
<td>no maximum</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
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#### Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>

#### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>

#### Integration Goal

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>USAFI maximum 32 credits</th>
</tr>
</thead>
</table>
Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 160-011)

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

23-25 credits

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 312</td>
<td>Mineralogy and Petrology I</td>
</tr>
<tr>
<td>GEOL 320</td>
<td>Sedimentology and Stratigraphy</td>
</tr>
<tr>
<td>GEOL 468</td>
<td>Computers in Geology</td>
</tr>
<tr>
<td>GEOL 470</td>
<td>Field Geology I</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles (or equivalent)</td>
</tr>
</tbody>
</table>

Capstone Experience 1

1 Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

Environmental Science Emphasis

Recommended for students who are interested in careers working in environmental fields or who desire to attend graduate school in environmental science, environmental law, or resource planning. Requires completion of the Core plus the required credits as listed below to total at least 60 credits.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 301</td>
<td>Earth Resources</td>
</tr>
</tbody>
</table>

1
GEOL 308 Water Resources 3
GEOL 315 Hydrogeology I 4
GEOL 330 Structural Geology 4
or GEOL 418 Earth History
GEOL 345 Geomorphology and Aerial Photography Interpretation 3
or GEOL 420 Glacial Geology
GEOL 416 Hydrogeology II 4
GEOG 335 Geographic Information Systems I 3
MATH 114 Calculus I 4
Select one of the following: 3-4
BIOL 321 Ecology
BIOL 328 Conservation Biology
BIOL 338 Vegetation Ecology
BIOL 376 Aquatic Ecology
Plus electives to total at least 60 credits selected from any geology course numbered 291 or higher

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Geology, General Geology Emphasis, Comprehensive Major

Liberal Arts (Code 160-010)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Maximum total degree credit 12</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
<tr>
<td>Maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
<tr>
<td>Maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
</tbody>
</table>
### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

#### Knowledge Goal

- Knowledge Outcome 1 (K1): Natural Sciences
  - Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.
- Knowledge Outcome 2 (K2): Social Sciences
  - Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.
- Knowledge Outcome 3 (K3): Humanities
  - Two (2) learning experiences
  - One experience in laboratory science must be selected from either K1 or K2.
- Knowledge Outcome 4 (K4): Fine Arts
  - One (1) learning experience

#### Skills Goal

- Skills Outcome 1 (S1): Written and Oral Communication
  - Two (2) learning experiences
  - One S1 must meet the University Writing Requirement (p. 49).
- Skills Outcome 2 (S2): Mathematics
  - One (1) learning experience
  - One S2 to meet the University Mathematics Requirement (p. 50).

#### Responsibility Goal

- Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
  - Two (2) learning experiences
  - One R1 must satisfy Design for Diversity.
- Responsibility Outcome 2 (R2): Global Perspectives
  - One (1) learning experiences
  - Responsibility Outcome 3 (R3): Civic and Environmental Issues
  - One (1) learning experiences

#### Integration Goal

- Integration Outcome 1 (I1): Integration
  - Two (2) learning experiences

#### Service-Learning Goal

- Service-Learning
  - 30 hours

### College Degree Requirements

#### Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

- **University Graduation Requirements**: All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

- **College Graduation Requirements: Grade Point Averages**: All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

- **Major-Minor and Major-Certificate Requirements**: A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

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- Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

- **College Credits**: Earn at least 90 credits in courses offered by the College of Arts and Sciences.

#### Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-).
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 160-010)

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

23-25 credits

Select one of the following: 4

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
<td></td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 312</td>
<td>Mineralogy and Petrology I</td>
<td>5</td>
</tr>
<tr>
<td>GEOL 320</td>
<td>Sedimentology and Stratigraphy</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 468</td>
<td>Computers in Geology</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 470</td>
<td>Field Geology I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles (or equivalent)</td>
<td>6</td>
</tr>
</tbody>
</table>

Capstone Experience 1 0-2

1 Each major is required to complete a capstone experience.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

General Geology Emphasis

Recommended for students planning careers in geology, especially those planning to attend graduate school in geology or engineering. This emphasis comprises the Core, plus the required and elective credits as listed below.

Sixty semester credits, including:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 313</td>
<td>Mineralogy and Petrology II</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 315</td>
<td>Hydrogeology I</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 330</td>
<td>Structural Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 418</td>
<td>Earth History</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 471</td>
<td>Field Geology II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>General Physics 1</td>
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<tr>
<td>or PHYS 231</td>
<td>University Physics I</td>
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</table>

Electives

At least two courses selected from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 336</td>
<td>Introduction to Geochemistry</td>
</tr>
<tr>
<td>GEOL 345</td>
<td>Geomorphology and Aerial Photography Interpretation</td>
</tr>
<tr>
<td>or GEOL 420</td>
<td>Glacial Geology</td>
</tr>
<tr>
<td>GEOL 365</td>
<td>Economic Mineral Deposits</td>
</tr>
<tr>
<td>GEOL 416</td>
<td>Hydrogeology II</td>
</tr>
<tr>
<td>GEOL 445</td>
<td>Engineering Geology and Geophysics</td>
</tr>
</tbody>
</table>

Select additional electives to total at least 60 credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 308</td>
<td>Evolution</td>
</tr>
<tr>
<td>BIOL 338</td>
<td>Vegetation Ecology</td>
</tr>
<tr>
<td>BIOL 345</td>
<td>Invertebrate Zoology</td>
</tr>
<tr>
<td>BIOL 356</td>
<td>Wisconsin Wildlife</td>
</tr>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 433</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>CHEM 434</td>
<td>Physical Chemistry II</td>
</tr>
<tr>
<td>GEOG 338</td>
<td>Remote Sensing of the Environment</td>
</tr>
<tr>
<td>GEOG 345</td>
<td>Quaternary Environments</td>
</tr>
<tr>
<td>GEOG 350</td>
<td>Soils and the Environment</td>
</tr>
<tr>
<td>GEOG 363</td>
<td>Watershed Analysis</td>
</tr>
<tr>
<td>GEOG 364</td>
<td>Fluvial Processes and Landforms</td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
</tr>
<tr>
<td>MSE 315</td>
<td>Materials Characterization</td>
</tr>
<tr>
<td>Any Geology course numbered 300 or above</td>
<td></td>
</tr>
<tr>
<td>MATH 216</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>MATH 311</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>MATH 324</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>General Physics</td>
</tr>
<tr>
<td>or PHYS 232</td>
<td>University Physics II</td>
</tr>
</tbody>
</table>

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.
PHYS 226  Astronomy-Solar System
PHYS 229  Astronomy-Stars and Galaxies
PHYS 350  Electric and Electronic Circuits
PHYS 375  Electromagnetic Fields

1 Students should be advised that a second semester of physics is usually required for entrance to graduate school.

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major

Liberal Arts (Code 160-013)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>Upper division credits (courses numbered 300 and higher)</th>
<th>Liberal Education Core (p. 46)</th>
<th>Academic Concentrations (p. 50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
<td>39</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th>2.00 average</th>
<th>2.00 average</th>
<th>2.00 average</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>University Residency Requirements (p. 50)</th>
<th>Minimum total</th>
<th>Senior year</th>
<th>Major, Standard, upper division in residence</th>
<th>Major, Comprehensive, upper division in residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
<td>23</td>
<td>12</td>
<td>21</td>
</tr>
<tr>
<td>Senior year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certificate</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>25 percent of credits</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
<th>Total degree credit</th>
<th>Maximum 72 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 1 credit</td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
<td></td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>Extension credits</th>
<th>UW-System</th>
<th>Other extension/ correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

APPLICABILITY OF CREDITS TOWARD GRADUATION

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM,EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above). Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory

| Total degree credit                                      | maximum 12                  |
| Major, Standard                                          | maximum 1 course             |
| Major, Comprehensive                                     | maximum 2 courses            |

Credit by Examination

| Total degree credit                                      | maximum ¼ of total           |
| Major or minor                                           | maximum ½ of total           |

Two-Year College Credits

| Total degree credit                                      | maximum 72 credits           |

Activity credit (band, chorus, drama, KINS 100-184)

| Total KINS 100-184                                       | maximum 1 credit             |
| Total Band, chorus, drama                               | maximum 12 credits           |
| Single course band, chorus, drama                       | maximum 4 credits            |

Extension credits

| UW-System                                                | no maximum                   |
| Other extension/ correspondence                          | maximum ¼ of total           |

USAFI

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory

| Total degree credit                                      | maximum 12                  |
| Major, Standard                                          | maximum 1 course             |
| Major, Comprehensive                                     | maximum 2 courses            |

Credit by Examination

| Total degree credit                                      | maximum ¼ of total           |
| Major or minor                                           | maximum ½ of total           |

Two-Year College Credits

| Total degree credit                                      | maximum 72 credits           |

Activity credit (band, chorus, drama, KINS 100-184)

| Total KINS 100-184                                       | maximum 1 credit             |
| Total Band, chorus, drama                               | maximum 12 credits           |
| Single course band, chorus, drama                       | maximum 4 credits            |

Extension credits

| UW-System                                                | no maximum                   |
| Other extension/ correspondence                          | maximum ¼ of total           |
**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

<table>
<thead>
<tr>
<th>LIBERAL EDUCATION CORE REQUIREMENTS</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Skills Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Responsibility Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Integration Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Integration Outcome 2 (I2): Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl">http://catalog.uwec.edu/undergraduate/attribute-sl</a>)</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the
student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 160-013)**

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or geological engineering, or for careers as professional hydrogeologists or geologists. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

**NOTE:** Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

**Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major**

23-25 credits

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>4</td>
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</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 312 Mineralogy and Petrology I</td>
<td>5</td>
</tr>
<tr>
<td>GEOL 320 Sedimentology and Stratigraphy</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 468 Computers in Geology</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 470 Field Geology I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 115 Chemical Principles (or equivalent)</td>
<td>6</td>
</tr>
</tbody>
</table>

Capstone Experience ¹

0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

**Hydrogeology and Water Chemistry Emphasis**

Recommended for students planning careers in geology such as hydrogeology, geochemistry, and environmental geology. This program is designed to fulfill requirements for admission to graduate programs in hydrogeology, geochemistry, and environmental geology. This program also meets 1998 Wisconsin Department of Natural Resources’ academic requirements for classification as a hydrogeologist. This emphasis includes the Core, plus the required and elective credits as listed below.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 308</td>
<td>Water Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 315</td>
<td>Hydrogeology I</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 330</td>
<td>Structural Geology</td>
<td>4</td>
</tr>
<tr>
<td>or GEOL 418</td>
<td>Earth History</td>
<td></td>
</tr>
<tr>
<td>GEOL 336</td>
<td>Introduction to Geochemistry</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 345</td>
<td>Geomorphology and Aerial Photography Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 416</td>
<td>Hydrogeology II</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 350</td>
<td>Engineering Geology</td>
<td>3</td>
</tr>
<tr>
<td>or GEOL 461</td>
<td>Applied Geophysics</td>
<td></td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211</td>
<td>General Physics</td>
<td>5</td>
</tr>
<tr>
<td>or PHYS 231</td>
<td>University Physics I</td>
<td></td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>or GEOG 335</td>
<td>Geographic Information Systems I</td>
<td></td>
</tr>
</tbody>
</table>

Plus electives to total at least 60 credits selected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
<td></td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 401</td>
<td>Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 426</td>
<td>Modern Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 433</td>
<td>Physical Chemistry I</td>
<td></td>
</tr>
<tr>
<td>GEOG 350</td>
<td>Soils and the Environment</td>
<td></td>
</tr>
<tr>
<td>GEOG 363</td>
<td>Watershed Analysis</td>
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</tr>
<tr>
<td>GEOG 364</td>
<td>Fluvial Processes and Landforms</td>
<td></td>
</tr>
<tr>
<td>GEOG 435</td>
<td>Geographic Information Systems III</td>
<td></td>
</tr>
<tr>
<td>MSE 315</td>
<td>Materials Characterization</td>
<td></td>
</tr>
<tr>
<td>or any geology course numbered 300 or higher</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ Students should be advised that a second semester of physics is usually required for entrance to graduate school.

**NOTE:** No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

**Geology, Major**

**Liberal Arts (Code 160-204)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation ¹</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements (p. 50)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

¹ Students should be advised that a second semester of physics is usually required for entrance to graduate school.

**Academic Concentrations (p. 50)**

- Liberal Education Core (p. 46)
- Academic Concentrations (p. 50)
- **Grade Point Requirements (p. 50)**
  - Total: 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.
1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Minor, Standard</td>
<td>maximum 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Major or minor</th>
<th>Total degree credit</th>
<th>Total Band, chorus, drama</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>maximum ½ of total</td>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>maximum ¼ of total</td>
<td>maximum 4 credits</td>
<td></td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
<th>Other extension/ correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>no maximum</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements

Knowledge Goal

<table>
<thead>
<tr>
<th>Knowledge Outcome 1 (K1): Natural Sciences</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal
Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

### Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

### Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

### Major Requirements

**Liberal Arts (Code 160-204)**

The Liberal Arts major in geology emphasizes broad training in general science; the relationship between earth science and other sciences; and the flexibility and creativity in program design for meeting an individual student’s interest and employment needs. This major requires completion of the Core liberal arts program plus elective credits. This non-comprehensive major also requires completion of a minor or a second major in another department.

### Core Requirements for the Geology Major

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>27-29 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following:</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 106 Earth Science</td>
<td></td>
</tr>
<tr>
<td>GEOL 110 Physical Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 115 Environmental Geology</td>
<td></td>
</tr>
<tr>
<td>GEOL 118 Societal Issues in Earth Science</td>
<td></td>
</tr>
<tr>
<td>Required:</td>
<td></td>
</tr>
<tr>
<td>GEOL 312 Mineralogy and Petrology I</td>
<td>5</td>
</tr>
<tr>
<td>GEOL 320 Sedimentology and Stratigraphy</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 418 Earth History</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 468 Computers in Geology</td>
<td>1</td>
</tr>
</tbody>
</table>
GEOL 470 Field Geology I 3
CHEM 115 Chemical Principles (or equivalent) 6
Capstone experience 1 0-2
Plus electives to total at least 36 credits selected from any geology course numbered 300 or higher.

1 Each major is required to complete a capstone experience which may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the Chair of the Department no later than the second week of the first semester of the senior year.

NOTES:
1) Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the emphases.
2) No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Geology, Minor - Liberal Arts
Liberal Arts (Code 160-401)
Select twenty-four semester credits in geology, including:
Select one of the following: 4
GEOL 106 Earth Science
GEOL 110 Physical Geology
GEOL 115 Environmental Geology
GEOL 118 Societal Issues in Earth Science
Required:
GEOL 312 Mineralogy and Petrology I 5
Select a minimum of six semester credits from the following: 6
GEOL 291 Special Topics
GEOL 301 Earth Resources
GEOL 303 Rocky Mountain Field Studies
GEOL 304 Global Environmental Change
GEOL 308 Water Resources
GEOL 313 Mineralogy and Petrology II
GEOL 315 Hydrogeology I
GEOL 320 Sedimentology and Stratigraphy
GEOL 330 Structural Geology
GEOL 336 Introduction to Geochemistry
GEOL 337 Analytical Geochemistry Laboratory
GEOL 343 Geological Field Excursion
GEOL 345 Geomorphology and Aerial Photography Interpretation
GEOL 365 Economic Mineral Deposits
GEOL 390 Geologic Immersion Experience
GEOL 395 Directed Studies
GEOL 416 Hydrogeology II
GEOL 418 Earth History
GEOL 420 Glacial Geology
GEOL 445 Engineering Geology and Geophysics
GEOL 468 Computers in Geology
GEOL 470 Field Geology I
GEOL 471 Field Geology II
GEOL 491 Advanced Special Topics

Recommended: GEOL 470 and GEOL 471.

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Geology, Minor - Teaching
Teaching (Code 160-402)
Twenty-four semester credits, including:
Select one of the following: 4
GEOL 106 Earth Science
GEOL 110 Physical Geology
GEOL 115 Environmental Geology
GEOL 118 Societal Issues in Earth Science
Required:
GEOL 312 Mineralogy and Petrology I 5
GEOL 320 Sedimentology and Stratigraphy 4
GEOL 418 Earth History 4
GEOL 468 Computers in Geology 1
GEOL 470 Field Geology I 3
Select remaining credits from the following:
Any geology course numbered 300 or higher
PHYS 226 Astronomy-Solar System
PHYS 229 Astronomy-Stars and Galaxies
GEOG 304 Introduction to Geomorphology
GEOG 340 Climatology
GEOG 350 Soils and the Environment
GEOG 361 Environmental Hazards
GEOG 363 Watershed Analysis
GEOG 364 Fluvial Processes and Landforms

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms. Students are advised to combine this minor with a Biology, Chemistry, Physics, or Physics-Math teaching major in order to be prepared for the Praxis II content exam or for demonstrating content proficiency through GPA. Successful completion of this broad-based science test or demonstration of content proficiency through GPA is required for certification to teach in this field. When combined with a Biology Teaching major, ES 360 is also required for EA-A licensure.

History
Hibbard Humanities Hall 701
715-836-5501
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/history)
The study of history examines how men and women throughout the world have lived in the past. It pays special attention to continuities and changes in human communities over time and to interactions among people from different cultures. The study of history enhances critical thinking and effective communication by teaching students how to evaluate different interpretations of the past. It teaches them to use evidence effectively to understand the meaning and impact of events and processes. Studying history increases students' social responsibility as they come to understand their own life experiences as part of an historical process. History students master the essential skills of a liberal education by learning to read critically, to manage and analyze information, to build logical arguments, and to write persuasively.

Students can major and minor in history through the College of Arts and Sciences or through the College of Education and Human Sciences. History majors in the College of Education and Human Sciences prepare to teach history in secondary schools. History majors in the College of Arts and Sciences often pursue careers in fields such as law, government, journalism, business, and information management. The department also offers a public history emphasis within the major for students interested in working in museums, archives, historic preservation, and other public history career fields. Some students continue academic study and obtain graduate degrees, so that they can further their public history careers or teach at the post-secondary level.

Department Honors in History

Eligibility: Upper-class History and Broadfield Social Studies-History single-concentration majors with resident and total GPAs of 3.50 or higher; GPA of 3.50 or higher in History courses; and GPA of 3.75 or higher in HIST 288 and HIST 489 (combined).

Procedure: A written application for Departmental Honors in History should be submitted to the Department Honors Advisor for approval.

Requirements:

- HIST 396 Research Apprenticeship in History 1
- HIST 496 Honors Independent Study (taken concurrently with a 400-level History course as approved by the Department Honors Advisor.) 1
- HIST 496 Honors Independent Study (taken concurrently with HIST 489: Research Seminar) 1

Public presentation on- or off-campus of capstone project completed in HIST 489: Research Seminar

For advising regarding Department Honors, see Professor P. Turner (HHH-721).

Information for Majors and Minors

NOTE 1: Majors who plan to prepare for college teaching are urged to attain a reading competency in at least one foreign language and preferably two.

NOTE 2: Majors or minors in history seeking licensure to teach are required by Wisconsin law to complete instruction in the conservation of natural resources and in consumer cooperatives/cooperative marketing. Take ECON 103 and either GEOG 178 or BIOL 180 to meet these requirements.

Faculty

Louisa Rice, Chair
Selika Ducksworth-Lawton
Cheryl Jiménez Frei
John Mann
Sue Patrick
Teresa Sanislo
Reiko Shinno
Andrew Sturtevant
Patricia Turner
Matthew Waters

Majors

- Major: History, Liberal Arts - B.A./B.S. (p. 297)
- Major: History, Public History Emphasis, Liberal Arts - B.A./B.S. (p. 305)
- Major: History, Teaching - B.A. (p. 300)

Minors

- Minor: History, Liberal Arts (p. 304)
- Minor: History, Teaching (p. 304)

Certificates

- Certificate: Global and Comparative History (p. 296)
- Certificate: History of Race, Gender, and Society (p. 297)

Global and Comparative History, Certificate

(Code 380-627)

This certificate is designed for undergraduate students with an interest in history who have chosen a major other than History. It is particularly geared toward students for whom a deeper understanding of the history of global interactions will complement and enhance their major area of study and/or future careers (for example: the World Politics emphasis in Political Science, Business, Geography, Religion, Economics, Languages and Women’s, Gender, and Sexuality Studies).

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 125</td>
<td>World History Since 1500</td>
<td></td>
</tr>
<tr>
<td>The remaining 9 credits from the following courses with at least 6 credits from the 300 or 400 level:</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660</td>
<td></td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
<td></td>
</tr>
<tr>
<td>HIST 212</td>
<td>Hmong and America</td>
<td></td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
<td></td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of World War II</td>
<td></td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
<td></td>
</tr>
<tr>
<td>HIST 302</td>
<td>Ancient Near Eastern Civilizations</td>
<td></td>
</tr>
<tr>
<td>HIST 304</td>
<td>Greek Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST 306</td>
<td>Roman Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST/LAS 309</td>
<td>Latin America Through Independence</td>
<td></td>
</tr>
<tr>
<td>HIST/LAS 311</td>
<td>Latin America Since Independence</td>
<td></td>
</tr>
<tr>
<td>HIST/WGSS 313</td>
<td>Gender, Sex, and Science in European History</td>
<td></td>
</tr>
<tr>
<td>HIST 315</td>
<td>The Age of Reformation</td>
<td></td>
</tr>
</tbody>
</table>
HIST 318  Studies in the History of European and Mediterranean Worlds  
HIST 319  Studies in Comparative, Transnational and Pacific World History  
HIST 325  History and Memory in Europe  
HIST 326  Twentieth Century Europe, 1900 to Present  
HIST 327  Preparatory Study for Central European Travel Seminar  
HIST 360  Modern France  
HIST 362  Modern Germany  
HIST 366  History of Middle East Since Muhammad  
HIST 375  Twentieth Century Russia  
HIST 376  World War I and II Military  
HIST 377  American War in the Post 1945 World  
HIST 381  Comparative Genocide  
HIST 382  Imperialism Since 1800  
HIST 383  Modern Africa  
HIST 384  The Vietnam War  
HIST/WGSS 385  The History of Middle Eastern Muslim Women  
HIST 387  Marco Polo’s World, 1250-1350  
HIST 388  History of China  
HIST 389  History of Japan  
HIST 393  Roots of Selected Contemporary World Problems  
HIST 401  Public History in Great Britain  

Note: Courses cannot be counted in both the major and the certificate program.

History of Race, Gender, and Society, Certificate  
(Code 380-628)  
This certificate is designed for undergraduate students with an interest in history that have chosen a major other than History. It is particularly geared toward students for whom a deeper understanding of the history of race, gender and society will complement and enhance their major area of study and/or future careers (for example, Sociology, Women’s, Gender, and Sexuality Studies, Social Work, Education, and Criminal Justice).

One of the following courses is required:  
HIST/WGSS 205  American Women’s History  
HIST 210  African American History 1865 to Present  
HIST 212  Hmong and America  
HIST/AIS 240  American Indian History  
HIST 284  The Nazis and Germany, 1914-1945  
HIST/WGSS 313  Gender, Sex, and Science in European History  
HIST 317  Studies in the History of Race in the U.S.  
HIST 344  African American Civil Rights Movement, 1914-Present  
HIST 345  Civil Rights and American Memory  
HIST/AIS 368  Studies in American Indian History  
HIST/AIS 369  Wisconsin Indian History  
HIST 370  History of the Family in America  
HIST/WGSS 373  American Women’s History to 1870  
HIST 381  Comparative Genocide  
HIST 382  Imperialism Since 1800  
HIST 383  Modern Africa  
HIST/WGSS 385  The History of Middle Eastern Muslim Women  
HIST 392  History of Antisemitism  
HIST/WGSS 394  Studies in the History of Women  
LAS 222  Introduction to U.S. Latino History and Culture  

Note: Courses cannot be counted in both the major and the certificate program.

History, Major - Liberal Arts  
Liberal Arts (Code 380-201)  

University Requirements  
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE  
Credit Requirements  
Minimum total for graduation 1 120  
Upper division credits (courses numbered 300 and higher) 39  
Liberal Education Core (p. 46) 36  
Academic Concentrations (p. 50)  
Grade Point Requirements (p. 50) 2  
Total 2.00 average  
Resident 2.00 average  
Major 2.00 average  
Minor 2.00 average  
Certificate 2.00 average  
University Residency Requirements (p. 50)  
Minimum total 30  
Senior year 23  
Major, Standard, upper division in residence 12  
Major, Comprehensive, upper division in residence 21  
Certificate 25 percent of credits  

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

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Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
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Liberal Education Core Requirements

Knowledge Goal

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<th>Requirements</th>
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<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL)#header13

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 380-201)

This major consists of 36 semester credits, including:

Foundational Requirement: Courses at the 100 and 200 level (not including HIST 288). Minimum of 6 credits. Maximum of 15 credits.

HIST 124 World History to 1500 3
or HIST 125 World History Since 1500

At least one of the following courses:

HIST 114 United States History to 1877
HIST 115 United States History Since 1877
HIST/WGSS 205 American Women's History
HIST 210 African American History 1865 to Present
HIST/AIS 240 American Indian History

Introduction to Research Methods and Historical Professions, 6 credits

HIST 288 Introduction to Research Methods and the Profession 3

HIST 386 Introduction to Public History 3

Advanced Courses: Courses at the 300 and 400 level (not including HIST 386 and HIST 489). Minimum of 12 credits.

Capstone Thesis, 3 credits

HIST 489 Research Seminar 3

Within their 36 credits, students must complete a minimum of 6 credits of Diversity and 6 credits of Global coursework:

Diversity Requirement, 6 credits

Choose from:

HIST/WGSS 205 American Women's History
HIST 210 African American History 1865 to Present
HIST 212 Hmong and America
HIST/AIS 240 American Indian History
HIST/WGSS 313 Gender, Sex, and Science in European History
HIST 317  Studies in the History of Race in the U.S.
HIST 344  African American Civil Rights Movement, 1914-Present
HIST 345  Civil Rights and American Memory
HIST/AIS 368  Studies in American Indian History
HIST/AIS 369  Wisconsin Indian History
HIST 370  History of the Family in America
HIST/WGSS 373  American Women's History to 1870
HIST/WGSS 378  American Women's History Since 1870
HIST/WGSS 385  The History of Middle Eastern Muslim Women
HIST/WGSS 394  Studies in the History of Women

Global Requirement, 6 credits
Choose from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660</td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of World War II</td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
</tr>
<tr>
<td>HIST 302</td>
<td>Ancient Near Eastern Civilizations</td>
</tr>
<tr>
<td>HIST 304</td>
<td>Greek Civilization</td>
</tr>
<tr>
<td>HIST 306</td>
<td>Roman Civilization</td>
</tr>
<tr>
<td>HIST 308</td>
<td>Ancient Historiography</td>
</tr>
<tr>
<td>HIST/LAS 309</td>
<td>Latin America Through Independence</td>
</tr>
<tr>
<td>HIST/LAS 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>HIST/WGSS 313</td>
<td>Gender, Sex, and Science in European History</td>
</tr>
<tr>
<td>HIST 315</td>
<td>The Age of Reformation</td>
</tr>
<tr>
<td>HIST 318</td>
<td>Studies in the History of European and Mediterranean Worlds</td>
</tr>
<tr>
<td>HIST 319</td>
<td>Studies in Comparative, Transnational and Pacific World History</td>
</tr>
<tr>
<td>HIST 325</td>
<td>History and Memory in Europe</td>
</tr>
<tr>
<td>HIST 326</td>
<td>Twentieth Century Europe, 1900 to Present</td>
</tr>
<tr>
<td>HIST 327</td>
<td>Preparatory Study for Central European Travel Seminar</td>
</tr>
<tr>
<td>HIST 360</td>
<td>Modern France</td>
</tr>
<tr>
<td>HIST 362</td>
<td>Modern Germany</td>
</tr>
<tr>
<td>HIST 366</td>
<td>History of Middle East Since Muhammad</td>
</tr>
<tr>
<td>HIST 375</td>
<td>Twentieth Century Russia</td>
</tr>
<tr>
<td>HIST 376</td>
<td>World War I and II Military</td>
</tr>
<tr>
<td>HIST 377</td>
<td>American War in the Post 1945 World</td>
</tr>
<tr>
<td>HIST 381</td>
<td>Comparative Genocide</td>
</tr>
<tr>
<td>HIST 382</td>
<td>Imperialism Since 1800</td>
</tr>
<tr>
<td>HIST 383</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>HIST 384</td>
<td>The Vietnam War</td>
</tr>
<tr>
<td>HIST/WGSS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
</tr>
<tr>
<td>HIST 387</td>
<td>Marco Polo's World, 1250-1350</td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
</tr>
</tbody>
</table>

Notes:
1. The same course may be taken to satisfy more than one requirement, when relevant.
2. Relevant history courses other than those listed above may be counted toward fulfilling requirements with department approval.
3. HIST 288 should be taken before any 300-level or 400-level course, if possible.

History, Major - Teaching
Teaching (Code 380-206)

University Requirements

Graduation Requirements for Baccalaureate Degree

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
<td>2</td>
</tr>
</tbody>
</table>

Total
2.00 average
Resident
2.00 average
Major
2.00 average
Minor
2.00 average
Certificate
2.00 average

University Residency Requirements (p. 50)

Minimum total
30
Senior year
23
Major, Standard, upper division in residence
12
Major, Comprehensive, upper division in residence
21
Certificate
25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are
normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNSCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAIF Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit maximum 12</td>
<td>Total degree credit maximum ¼ of</td>
</tr>
<tr>
<td>Major, Standard maximum 1 course</td>
<td>total</td>
</tr>
<tr>
<td>Major, Comprehensive maximum 2</td>
<td></td>
</tr>
<tr>
<td>courses</td>
<td></td>
</tr>
<tr>
<td>Credit by Examination</td>
<td></td>
</tr>
<tr>
<td>Total degree credit maximum ¼ of</td>
<td></td>
</tr>
<tr>
<td>total</td>
<td></td>
</tr>
<tr>
<td>Major or minor maximum ½ of total</td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Two-Year College Credits</td>
</tr>
<tr>
<td>Total degree credit maximum 72</td>
<td>Total degree credit maximum 72</td>
</tr>
<tr>
<td>credits</td>
<td>credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
<tr>
<td>Total KINS 100-184 maximum 1</td>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>credit</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td></td>
</tr>
<tr>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System no maximum</td>
<td></td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>) One (1) learning experience</td>
</tr>
<tr>
<td>Skills Goal</td>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>) One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>) One (1) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>) One (1) learning experiences</td>
</tr>
<tr>
<td>Integration Goal</td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core Knowledge Goal**

- **Knowledge Goal:**
  - **Knowledge Outcome 1 (K1): Natural Sciences** (http://catalog.uwec.edu/undergraduate/attribute-k1)
  - **Knowledge Outcome 2 (K2): Social Sciences** (http://catalog.uwec.edu/undergraduate/attribute-k2)
  - **Knowledge Outcome 3 (K3): Humanities** (http://catalog.uwec.edu/undergraduate/attribute-k3)
  - **Knowledge Outcome 4 (K4): Fine Arts** (http://catalog.uwec.edu/undergraduate/attribute-k4)

**Liberal Education Core Skills Goal**

- **Skills Goal:**
  - **Skills Outcome 1 (S1): Written and Oral Communication** (http://catalog.uwec.edu/undergraduate/attribute-S1)
  - **Skills Outcome 2 (S2): Mathematics** (http://catalog.uwec.edu/undergraduate/attribute-S2)
  - **Skills Outcome 3 (S3): Creativity** (http://catalog.uwec.edu/undergraduate/attribute-S3)

**Liberal Education Core Responsibility Goal**

- **Responsibility Goal:**
  - **Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity** (http://catalog.uwec.edu/undergraduate/attribute-R1)
  - **Responsibility Outcome 2 (R2): Global Perspectives** (http://catalog.uwec.edu/undergraduate/attribute-R2)

**Liberal Education Core Integration Goal**

- **Integration Goal:**
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>Code</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>Code</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>Code</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>Code</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   - Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.
   - Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445   &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446 or ES 475</td>
<td>Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td>ETS 5038</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td>ETS 5435</td>
<td></td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>180-002</td>
<td>ES 357</td>
<td>ETS 5061</td>
<td></td>
</tr>
</tbody>
</table>
Physical Science$^{1}$ 240-004 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

Physics-Mathematics$^{1}$

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435 (regardless of emphasis)</td>
</tr>
</tbody>
</table>

Social Studies 500-XXX ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Majors Code Prescribed Methods Course Additional Requirements Praxis II Content Test Required

**Biology$^{1}$** 080-205 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Chemistry$^{1}$** 100-204 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Economics** 360-204 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

**English** 540-210 ENGL 319, ENGL 419 ETS 5038

**History** 380-206 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

**Mathematics** 180-207 ES 357 ETS 5161

**Physics$^{1}$** 230-205 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Political Science** 420-203 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

Minors Code Prescribed Methods Course Additional Requirements Praxis II or ACTFL Content Test Required

**Biology** 080-403 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Chemistry** 100-406 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Coaching** 971-403 KINS 492 no addt’l exam

**Economics** 360-404 ES 356 BIOL 180 or GEOG 178 ETS 5081

**English** 540-408 ENGL 319, ENGL 419 ETS 5038

**French** 260-404 ES 366 (F) in language Study abroad WPT and OPI or OPIc

**Geography** 140-413 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

**German** 160-402 ES 360 (F) Study abroad in language WPT and OPI or OPIc

**History** 380-404 ES 356 (SP) ECON 103, BIOL 180 or GEOG 178 ETS 5081

**Learning Disabilities** 950-471 ETS 5146

**Mathematics** 180-407 ES 357 BIOL 180 or GEOG 178 ETS 5161

**Physics** 230-403 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435

**Political Science** 420-403 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

**Sociology** 480-404 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081

**Spanish** 320-405 ES 366 (F) Study abroad in language WPT and OPI or OPIc

**Teaching English to Speakers of Other Languages (TESOL)** 550-408 ES 405 (F) 1 yr college level foreign language ETS 5362

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

### Admission Requirements

Admission to Professional Education Programs (p. 508)

### Major Requirements

**Teaching (Code 380-206)**

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

Thirty-six semester credits, including:

I. **Foundational Requirement: Courses at the 100 and 200 level (not including HIST 288).**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
</tbody>
</table>

At least one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST/WGSS 205</td>
<td>American Women’s History</td>
<td></td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
<td>3</td>
</tr>
<tr>
<td>HIST/AIS 240</td>
<td>American Indian History</td>
<td></td>
</tr>
</tbody>
</table>

II. **Introduction to Research Methods and the Profession**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 288</td>
<td>Introduction to Research Methods and the Profession</td>
<td>3</td>
</tr>
</tbody>
</table>

III. **Advanced Courses: Courses at the 300 and 400 level (not including HIST 489). Minimum of 15 credits.**

IV. **Capstone Thesis**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 489</td>
<td>Research Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>
Within their 36 credits, students must complete a minimum of 3 credits of Native American and 3 credits of Global coursework:

V. Native American History Requirement, 3 credits
Choose from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST/AIS 240</td>
<td>American Indian History</td>
</tr>
<tr>
<td>HIST/AIS 368</td>
<td>Studies in American Indian History</td>
</tr>
<tr>
<td>HIST/AIS 369</td>
<td>Wisconsin Indian History</td>
</tr>
</tbody>
</table>

VI. Global Requirement, 3 credits
Choose from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660</td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of World War II</td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
</tr>
<tr>
<td>HIST 302</td>
<td>Ancient Near Eastern Civilizations</td>
</tr>
<tr>
<td>HIST 304</td>
<td>Greek Civilization</td>
</tr>
<tr>
<td>HIST 306</td>
<td>Roman Civilization</td>
</tr>
<tr>
<td>HIST 308</td>
<td>Ancient Historiography</td>
</tr>
<tr>
<td>HIST/LAS 309</td>
<td>Latin America Through Independence</td>
</tr>
<tr>
<td>HIST/LAS 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>HIST 313</td>
<td>Gender, Sex, and Science in European History</td>
</tr>
<tr>
<td>HIST 315</td>
<td>The Age of Reformation</td>
</tr>
<tr>
<td>HIST 318</td>
<td>Studies in the History of European and Mediterranean Worlds</td>
</tr>
<tr>
<td>HIST 319</td>
<td>Studies in Comparative, Transnational and Pacific World History</td>
</tr>
<tr>
<td>HIST 325</td>
<td>History and Memory in Europe</td>
</tr>
<tr>
<td>HIST 326</td>
<td>Twentieth Century Europe, 1900 to Present</td>
</tr>
<tr>
<td>HIST 327</td>
<td>Preparatory Study for Central European Travel Seminar</td>
</tr>
<tr>
<td>HIST 360</td>
<td>Modern France</td>
</tr>
<tr>
<td>HIST 362</td>
<td>Modern Germany</td>
</tr>
<tr>
<td>HIST 366</td>
<td>History of Middle East Since Muhammad</td>
</tr>
<tr>
<td>HIST 375</td>
<td>Twentieth Century Russia</td>
</tr>
<tr>
<td>HIST 376</td>
<td>World War I and II Military</td>
</tr>
<tr>
<td>HIST 377</td>
<td>American War in the Post 1945 World</td>
</tr>
<tr>
<td>HIST 381</td>
<td>Comparative Genocide</td>
</tr>
<tr>
<td>HIST 382</td>
<td>Imperialism Since 1800</td>
</tr>
<tr>
<td>HIST 383</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>HIST 384</td>
<td>The Vietnam War</td>
</tr>
<tr>
<td>HIST/WGSS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
</tr>
<tr>
<td>HIST 387</td>
<td>Marco Polo’s World, 1250-1350</td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
</tr>
<tr>
<td>HIST 393</td>
<td>Roots of Selected Contemporary World Problems</td>
</tr>
<tr>
<td>HIST 401</td>
<td>Public History in Great Britain</td>
</tr>
</tbody>
</table>

NOTE 1: The same course may be taken to satisfy more than one requirement, when relevant.

NOTE 2: Relevant history courses other than those listed above may be counted to fulfill requirements with department approval.

NOTE 3: HIST 288 should be taken before any 300-level or 400-level course, if possible.

NOTE 4: A maximum of 18 credits from 100- and 200-level courses, including HIST 288, can count toward the major.

History, Minor - Liberal Arts

Liberal Arts (Code 380-401)

Twenty-four semester credits of history, including:
At least six credits of history courses at the 100-200 level. 6
At least 12 credits of history courses at 300-400 level. 12

History, Minor - Teaching

Teaching (Code 380-404)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
</tr>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
</tr>
</tbody>
</table>

Choose three credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
</tr>
<tr>
<td>HIST/AIS 240</td>
<td>American Indian History</td>
</tr>
<tr>
<td>HIST/WGSS 205</td>
<td>American Women’s History</td>
</tr>
</tbody>
</table>

History Methodology:

HIST 288  Introduction to Research Methods and the Profession (take before any upper-level history course) 3

History electives at 300 and 400 level 1

1 Three credits must be in U.S. History and three credits in non-U.S. History (see courses below).

U.S. History

Select three credits of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 317</td>
<td>Studies in the History of Race in the U.S.</td>
</tr>
<tr>
<td>HIST 332</td>
<td>The Era of the American Revolution</td>
</tr>
<tr>
<td>HIST 334</td>
<td>Early Nationalism and Jacksonian Democracy</td>
</tr>
<tr>
<td>HIST 336</td>
<td>Sectionalism, Civil War, and Reconstruction</td>
</tr>
<tr>
<td>HIST 342</td>
<td>Recent US History (1945-Present)</td>
</tr>
<tr>
<td>HIST 344</td>
<td>African American Civil Rights Movement, 1914-Present</td>
</tr>
</tbody>
</table>
HIST 345  Civil Rights and American Memory
HIST/ENV 346  American Environmental History
HIST 358  The American West
HIST/AIS 368  Studies in American Indian History
HIST/AIS 369  Wisconsin Indian History
HIST 370  History of the Family in America
HIST/WGSS 373  American Women’s History to 1870
HIST 376  World War I and II Military
HIST 377  American War in the Post 1945 World
HIST 380  Museums in the United States
HIST 384  The Vietnam War
HIST 386  Introduction to Public History
HIST 480  History of Wisconsin
HIST 486  Seminar in Public History

Non-U.S. History
Select three credits of the following: 3
HIST 302  Ancient Near Eastern Civilizations
HIST 304  Greek Civilization
HIST 306  Roman Civilization
HIST/LAS 309  Latin America Through Independence
HIST/LAS 311  Latin America Since Independence
HIST 313  Gender, Sex, and Science in European History
HIST 315  The Age of Reformation
HIST 318  Studies in the History of European and Mediterranean Worlds
HIST 319  Studies in Comparative, Transnational and Pacific World History
HIST 325  History and Memory in Europe
HIST 326  Twentieth Century Europe, 1900 to Present
HIST 327  Preparatory Study for Central European Travel Seminar
HIST 360  Modern France
HIST 362  Modern Germany
HIST 366  History of Middle East Since Muhammad
HIST 375  Twentieth Century Russia
HIST 381  Comparative Genocide
HIST 382  Imperialism Since 1800
HIST 383  Modern Africa
HIST 384  The Vietnam War
HIST/WGSS 385  The History of Middle Eastern Muslim Women
HIST 387  Marco Polo’s World, 1250-1350
HIST 388  History of China
HIST 389  History of Japan
HIST 401  Public History in Great Britain

University Requirements

Graduation Requirements for Baccalaureate Degree
Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)
Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.
1  Certain programs exceed this minimum.
2  See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).
**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th>Total degree credit</th>
<th>maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
</tbody>
</table>

| Two-Year College Credits | Total degree credit | maximum 72 credits |

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
<th>UW-System</th>
<th>no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
</tbody>
</table>

| USAFI | maximum 32 credits |

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

### Skills Goal

<table>
<thead>
<tr>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</th>
<th>One (1) learning experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</th>
<th>One (1) learning experience</th>
</tr>
</thead>
</table>

### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</th>
<th>One (1) learning experience</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</th>
<th>One (1) learning experience</th>
</tr>
</thead>
</table>

### Integration Goal

<table>
<thead>
<tr>
<th>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-SL/#header13">http://catalog.uwec.edu/undergraduate/attribute-SL/#header13</a>)</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

### Service-Learning Goal

#### College Degree Requirements

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements:** Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and
total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 380-205)**

This major consists of 36 semester credits, including:

**Foundational Requirement: Courses at the 100 and 200 level (not including HIST 288). Minimum of 6 credits. Maximum of 15 credits.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>or HIST 125</td>
<td>World History Since 1500</td>
</tr>
</tbody>
</table>

At least one of the following courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
</tr>
<tr>
<td>HIST/WGSS 205</td>
<td>American Women’s History</td>
</tr>
</tbody>
</table>

**Introducing to Research Methods and the Historical Professions, 6 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 288</td>
<td>Introduction to Research Methods and the Profession</td>
</tr>
<tr>
<td>HIST 386</td>
<td>Introduction to Public History</td>
</tr>
</tbody>
</table>

**Advanced Courses: Courses at the 300 and 400 level (not including HIST 489). Minimum of 12 credits.**

Must include the Public History sequence:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 486</td>
<td>Seminar in Public History</td>
</tr>
<tr>
<td>HIST 498</td>
<td>Internship</td>
</tr>
</tbody>
</table>

**Capstone Thesis, 3 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 489</td>
<td>Research Seminar</td>
</tr>
</tbody>
</table>

**Within their 36 credits, students must complete a minimum of 6 credits of Diversity coursework:**

**Diversity requirement, 6 credits**

Choose from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST/WGSS 205</td>
<td>American Women’s History</td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Hmong and America</td>
</tr>
<tr>
<td>HIST/AIS 240</td>
<td>American Indian History</td>
</tr>
<tr>
<td>HIST/WGSS 313</td>
<td>Gender, Sex, and Science in European History</td>
</tr>
<tr>
<td>HIST 317</td>
<td>Studies in the History of Race in the U.S.</td>
</tr>
<tr>
<td>HIST 344</td>
<td>African American Civil Rights Movement, 1914-Present</td>
</tr>
<tr>
<td>HIST 345</td>
<td>Civil Rights and American Memory</td>
</tr>
<tr>
<td>HIST/AIS 368</td>
<td>Studies in American Indian History</td>
</tr>
<tr>
<td>HIST/AIS 369</td>
<td>Wisconsin Indian History</td>
</tr>
<tr>
<td>HIST 370</td>
<td>History of the Family in America</td>
</tr>
<tr>
<td>HIST/WGSS 373</td>
<td>American Women’s History to 1870</td>
</tr>
<tr>
<td>HIST/WGSS 378</td>
<td>American Women’s History Since 1870</td>
</tr>
<tr>
<td>HIST/WGSS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
</tr>
<tr>
<td>HIST/WGSS 394</td>
<td>Studies in the History of Women</td>
</tr>
</tbody>
</table>

**Notes:**

1. The same course may be taken to satisfy more than one requirement, when relevant.
2. Relevant history courses other than those listed above may be counted toward fulfilling requirements with department approval.
3. HIST 288 should be taken before any 300-level or 400-level course, if possible.

**Languages**

Centennial Hall 4508
715-836-4287
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/languages)
The Department of Languages provides a vital component in the undergraduate liberal arts education offered at the University of Wisconsin-Eau Claire. It does so through courses in foreign language, culture, and literature, including English language for native speakers of other languages; major and minor programs in a number of world languages; study abroad opportunities and internships in many countries; and student/faculty collaborative research. Graduates from the Department of Languages serve at home and abroad as ambassadors for a diverse, peacefully interacting global society.

**Major, Minor, and Certificate Programs**

The Department of Languages offers Liberal Arts and Teaching majors and minors in French, German, and Spanish, and a Liberal Arts minor in Japanese. In addition, a Spanish for Health Professions minor is available as well as certificate programs in Chinese, French Proficiency, German Proficiency, and Ojibwe Language. Language students may also be interested in the minor in Teaching of English to Speakers of Other Languages (TESOL), the certificate in Teaching English as a Foreign Language (TEFL), or the minor or certificate in Ancient Studies. Students of Spanish have the opportunity to pursue a major or minor in Latin American Studies (LAS).

**Other Languages Offered**

In addition to the major, minor, and certificate programs, the Department of Languages provides, as resources permit, at least one year of instruction in Chinese, Danish (in Denmark only), English as a Second Language, Classical Greek, Hmong, Japanese, Latin, Ojibwe and Russian. One year of any of the languages taught in the department fulfills the one-year foreign language requirement for a Bachelor of Arts Degree in the College of Arts and Sciences. To meet this requirement, however, the student must earn a grade of at least C or a mark of S in a Foreign Language course numbered 102 or higher.

**Spanish Honors Program**

The Honors Program in Spanish is intended for Spanish majors—including Spanish education and liberal arts majors—who have demonstrated excellence in their coursework, and who want to experience the study of languages outside the classroom. The high impact practices required for department honors in Spanish align with such experiences.

Spanish Departmental Honors is not the same program as University Honors. Because these honors programs are distinct, students should review the requirements of each with care.

Students who pursue the Spanish Honors Program do not have to be part of the University Honors Program.

Students in the University Honors Program can also apply to be part of the Spanish Honors program.

**Eligibility:** Spanish majors who have resident, overall, and major GPAs of 3.50 or higher. Completion of Spanish 302 is required before applying to the Honors Program in Spanish.

**Application:** An application must be submitted to the Spanish section via an e-form. The form may be accessed via the Languages Department web page, Honors Program tab under Academic Offerings. The e-form will ask that you identify a Spanish faculty member to serve as a reference. The application must be submitted prior to the student’s last two semesters of study. That being said, students are encouraged to apply after completing SPAN 302, a course typically taken sophomore year, but no later than their final two semesters.

**Requirements:** At graduation, the student must have a resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the options from the list below have been satisfactorily completed at a standard of excellence deserving of a recognition in Spanish Honors. With the exception of the OPI proficiency test, students may do two of any of the other given options to meet the Spanish Honors Program requirements if their projects are distinct. For example, a student could conduct two separate faculty/student collaborative research projects with the same or different Spanish faculty member(s) or, with approval from the Spanish section, with faculty from departments or programs outside of Spanish. Students that select OPI proficiency as one of the options to fulfill one of their requirements must complete work in a different category for the second option.

1. A faculty/student collaborative research project with a Spanish faculty member
2. Advanced Low or higher on an official ACTFL Oral Proficiency Interview
3. An off-campus presentation at a conference on a topic related to the major
4. Completion of a language related internship approved by a faculty member
5. Submission of a publication-worthy manuscript to a journal related to the major
6. Completion of application to the U.S. Fulbright program
7. Certification as an interpreter by the State of Wisconsin

**Residency Requirement for Prospective Language Teachers**

All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

**Oral Proficiency Requirement for Prospective Language Teachers**

Wisconsin Department of Public Instruction content guidelines require that foreign language teachers demonstrate minimal oral proficiency at a level equivalent to Intermediate High according to the ACTFL Proficiency Guidelines. Prospective teachers at UW-Eau Claire must demonstrate such proficiency through an official ACTFL Oral Proficiency Interview (OPI). Information on the Oral Proficiency Interview and the ACTFL Proficiency Guidelines (Speaking) is available in the Department of Languages.

**Placement Test in Foreign Languages**

Students whose records indicate at least two units of French, German, Spanish, or Japanese study in Junior/Senior High School and who do not have college credit in the language are required to take a placement test in that language prior to registration in order to determine the level at which they should continue their foreign language instruction. At the time of the test, students will be advised as to the language course in which they should enroll.
Students who place into a 102-level foreign language class will be considered to have met the 101-level competency requirement and may not enroll in a 101-level class in the same language for credit without the permission of the Chair of the Department of Languages. Additionally, a student who places into a 201-level class or above will be considered to have met the 101- and 102-level requirements and may not enroll for credit in any course that is at a lower level than the one into which the student has placed without the permission of the Chair of the Department of Languages.

Placement tests in French, German, and Spanish are offered as part of Regional Placement Testing in March and April, during Summer Orientation, and during spring/fall registration. If you studied Japanese or Chinese in high school, UW-Eau Claire has a locally developed placement test which is administered by appointment. For information about these tests, consult Academic Testing (Vicki Lord Larson Hall 2100).

Roma Hoff Instructional Resource Center
Practice in the Roma Hoff Instructional Resource Center (RHIRC) is a required part of elementary, intermediate, conversation, and phonetics courses in modern foreign languages. The center provides access to foreign language sound and video programs, to foreign films, and to computer-assisted foreign language instruction. Four-credit courses at the beginning and intermediate levels include four hours of classroom instruction and at least one laboratory hour per week.

Credit for High School Work or Other Foreign Language Experience
Students with high school courses or other learning experiences in a foreign language may obtain college credit for their previous work by taking a confirming course under the following conditions:

1. The confirming course must be the first college-level course completed in the language and must be taken by a regularly enrolled student at UW-Eau Claire. (However, students who have taken a college-level course while in high school are also eligible for credit for previous work by taking a confirming course.)
2. The confirming course must be 102, 201, 202, or in FREN 315; in German, GERM 313, GERM 314 or GERM 315; in Spanish, SPAN 301.
3. The course must be passed with a letter grade of B (not B-) or above and may not be repeated for the purpose of requesting credits under this policy.
4. A maximum of 16 credits may be granted in any one language for previous work at a level lower than the confirming course.

Further information is available from the Chair of the Department.

Study Abroad
The department encourages study abroad in any of the programs sponsored by the Department of Languages, such as the semester programs in Costa Rica, Chile, Pau in France, Marburg in Germany, Japan, and Valladolid in Spain; the semester or year exchange programs in Graz (Austria) and year programs in different sites in the state of Hessen (Germany); summer program in Mexico or Costa Rica—nursing and health care professionals; and exchange semester or year-long programs at one of three ITESM campuses in Mexico.

Credits for the major and minor can be earned in any of these programs. Participation in other university-sponsored study abroad programs in Australia, China, England, Greece, Ireland, Latvia, Scotland, South Africa, South Korea, Sweden, and Thailand is also recommended. A resident GPA requirement exists for acceptance in study abroad programs. For details, see the Center for International Education.

International Employment
Students interested in a career in international business should consider a major in French, German, or Spanish combined with the major, minor or certificate in International Business available to students in the College of Business. For information about opportunities for international employment, consult Dr. Kristy Lauver, the advisor for students seeking the International Business major, minor or certificate in the College of Business.

English for Speakers of Other Languages
Another important offering in the Department of Languages is English for the ever-growing number of non-native speakers of English on campus. The English Language Academy (ELA) offers English as a Second Language instruction during the regular academic year as well as during the summer months.

All international students either seeking a degree or on exchange from their home institutions, immigrants/refugees, and/or non-native speakers of English who are residents of the United States are welcome to take coursework to further develop their English speaking, listening, reading, writing, grammar, vocabulary, and pronunciation.

UW-Eau Claire offers different programs to assist non-native speakers of English to continue their language study. For information regarding these programs, contact the Department of Languages (Centennial Hall 4508).

English Language Requirement for Admission of International Students: TOEFL score of 550 (pbt), or 213 (cbt), or 79 (ibt).

- Degree Seeking Students
  Degree seeking students demonstrating English proficiency with a TOEFL score of 550/pbt/213/cbt/79/ibt or higher may enroll directly in academic courses. If they choose, they may take an English Placement Exam and enroll in any ESL courses recommended to them.

- Exchange Students
  Exchange students are admitted according to the terms of specific inter-institutional agreements. Those who demonstrate a TOEFL score of 550/pbt/213/cbt/79/ibt or higher are not required to take the English placement exam, and may enroll in academic courses. Those with a lower TOEFL score must take the placement exam, and follow the recommendations of the ESL program director.

- English as a Second Language Students
  Students with a TOEFL score below 550/pbt/213/cbt/79/ibt may be admitted to the ESL program. These students must take an English Placement Exam and follow the recommendations of the ESL program director. Students may elect to take credit or non-credit courses in the ESL program.

The purpose of the English Placement Exam is to determine whether each non-native speaking student’s language proficiency is sufficient for active involvement in UWEC coursework. A non-native speaker of English must be linguistically prepared for the rigorous academic challenges at UW-Eau Claire in terms of in-class oral and aural interaction and out of class reading and writing.
The English Placement Exam is conducted the week prior to the beginning of courses. For information related to the English Placement Exam, contact the ESL Coordinator, Department of Languages.

**Faculty**

Matthew Waters, Chair

Josh Brown
Thomas Carlson
Elena Casey
Ami Christensen
Patrick Day
Analis DeGrave
Marcela Depiante
Sara Echarri
Manuel Fernandez
Bibiana Fuentes
Wendy Makoons Geniusz
Anne Has
Paul Hoff
Nuria Ibarrecheva Hoff
Joyce Johnson
Tomomi Kakegawa
Kaishan Kong
Meghan Mehos Licón
Martina Lindseth
Jessica Sertling Miller
Emilia Oswald-Bibikulatova
Carter Smith
Johannes Strohschänk
José Valero
Fabiola Varela-Garcia

**Majors**

- Major: French, Liberal Arts - B.A./B.S. (p. 311)
- Major: French, Teaching - B.A. (p. 313)
- Major: German, Liberal Arts - B.A./B.S. (p. 318)
- Major: German, Teaching - B.A. (p. 320)
- Major: Spanish, Liberal Arts - B.A./B.S. (p. 325)
- Major: Spanish, Teaching - B.A. (p. 328)

**Minors**

- Minor: French, Liberal Arts (p. 316)
- Minor: French, Early Adolescence/Adolescence Teaching (p. 316)
- Minor: French, Middle Childhood/Early Adolescence Teaching (p. 317)
- Minor: French, Early Childhood/Adolescence Teaching (p. 317)
- Minor: German, Liberal Arts (p. 323)
- Minor: German, Early Adolescence/Adolescence Teaching (p. 324)
- Minor: German, Middle Childhood/Early Adolescence Teaching (p. 324)
- Minor: German, Early Childhood/Adolescence Teaching (p. 324)
- Minor: Japanese, Liberal Arts (p. 325)
- Minor: Spanish, Liberal Arts (p. 332)
- Minor: Spanish for Health Professions, Liberal Arts (p. 325)
- Minor: Spanish, Early Adolescence/Adolescence Teaching (p. 332)
- Minor: Spanish, Middle Childhood/Early Adolescence Teaching (p. 333)
- Minor: Spanish, Early Childhood/Adolescence Teaching (p. 332)

**Certificates**

- Certificate: Chinese (p. 310)
- Certificate: French Proficiency (p. 310)
- Certificate: German Proficiency (p. 318)
- Certificate: Ojibwe Language (p. 325)

**Chinese, Certificate**

(Code 291-601)

The Chinese Certificate aims to deepen students’ Chinese language proficiency and cultural knowledge of China and Chinese-speaking regions in the world. Upon completion, students are expected to reach novice-high or intermediate-low proficiency in Chinese. This certificate will be a beneficial credential to reflect students’ investment in and knowledge of Chinese.

Minimum of fifteen semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 101</td>
<td>Beginning Chinese</td>
<td>4</td>
</tr>
<tr>
<td>CHIN 102</td>
<td>Beginning Chinese</td>
<td>4</td>
</tr>
<tr>
<td>CHIN 201</td>
<td>Intermediate Chinese</td>
<td>4</td>
</tr>
<tr>
<td>CHIN 202</td>
<td>Intermediate Chinese</td>
<td></td>
</tr>
<tr>
<td>FLG 150</td>
<td>Foreign Civilization and Culture (when focused on China)</td>
<td></td>
</tr>
<tr>
<td>FLTR 392</td>
<td>Foreign Film as Cultural Expression (when focused on China)</td>
<td></td>
</tr>
<tr>
<td>or FLTR 330</td>
<td>Chinese Culture through Films</td>
<td></td>
</tr>
<tr>
<td>LANG 170</td>
<td>Language and Intercultural Competence</td>
<td></td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
<td></td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
<td></td>
</tr>
<tr>
<td>INTB 362</td>
<td>International Experience in China</td>
<td></td>
</tr>
</tbody>
</table>

1 Other courses with a focus on China may count toward the certificate electives in consultation with the advisor, Dr. Kaishan Kong.

**French Proficiency, Certificate**

(Code 260-601)

The Department of Languages offers a certificate program in French Proficiency for students in any major or minor other than French who would like to add proficiency in French to their skill set. The program provides students with practical written and oral language skills in French, thereby complementing majors in all other disciplines across the university and strengthening the prospects of students who intend to pursue careers or graduate study in the many areas in which proficiency in French is useful.

To complete the certificate, 13 credits beyond FREN 201 are required, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 202</td>
<td>Intermediate French</td>
<td>4</td>
</tr>
<tr>
<td>FREN 315</td>
<td>Advanced Grammar in Context</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
<td>3</td>
</tr>
<tr>
<td>One elective among other 300 and 400 level courses</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 13
French, Major - Liberal Arts
Liberal Arts (Code 260-201)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Total Requirements</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Minimum total</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1. Certain programs exceed this minimum.

2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNSCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
</tr>
</tbody>
</table>

USAFI

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>a minimum of 36 credits</td>
</tr>
</tbody>
</table>
### College Degree Requirements

#### Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

#### Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

#### Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter the MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

#### Major Requirements

**Liberal Arts (Code 260-201)**

A minimum of 36 semester credits beyond FREN 102, or 28 semester credits beyond FREN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 315</td>
<td>Advanced Grammar in Context</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
<td>3</td>
</tr>
</tbody>
</table>
Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

- FREN 335 Written and Oral Expression
- FREN 340 Professional Communication
- FREN 345 Introduction to Literary Analysis
- FREN 354 History of French Civilization
- FREN 355 Contemporary French Civilization
- FREN 361 Survey of French Literature I
- FREN 362 Survey of French Literature II
- FREN 395 Directed Studies
- FREN 399 Independent Study - Juniors
- FREN 401 Discussions on Contemporary Societal Issues
- FREN 430 Environmental and Linguistic Diversity
- FREN 450 Francophone Literature
- FREN 491 Special Topics
- FREN 499 Independent Study - Seniors

**French, Major - Teaching**

**Teaching (Code 260-203)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**
- Minimum total for graduation: 120
- Upper division credits (courses numbered 300 and higher): 39
- Liberal Education Core (p. 46): 36
- Academic Concentrations (p. 50): 36

**Grade Point Requirements** (p. 50)

- Total: 2.00 average
- Resident: 2.00 average
- Major: 2.00 average
- Minor: 2.00 average
- Certificate: 2.00 average

**University Residency Requirements** (p. 50)
- Minimum total: 30
- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21

**Procedures Required for Graduation**
- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td>maximum 12</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major or minor</td>
<td>Major, Comprehensive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Two-Year College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
<tr>
<td>Major or minor</td>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>
Single course band, chorus, drama maximum 4 credits

Extension credits
UIW-System
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

AND another learning experience

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
</tbody>
</table>

R1 (Equity, Diversity, Inclusivity)

| ES 385 Social Foundations: Human Relations (included in major)  | 3 |
AND another learning experience

I1 (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

Teaching Licensure Requirements - EC-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ES 490</td>
<td>Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
</tr>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
</tr>
<tr>
<td>ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education 6-12</td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education 6-12</td>
</tr>
</tbody>
</table>

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

<table>
<thead>
<tr>
<th>Comprehensive Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General 060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
<td></td>
</tr>
<tr>
<td>Music, Choral/General 060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
<td></td>
</tr>
<tr>
<td>Kinesiology 991-065</td>
<td>KINS 290</td>
<td>ETS 5091</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Physical Education 991-459</td>
<td>Only with KINS major</td>
<td>No add't exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>260-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-407</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>TESOL</td>
<td>550-410</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>
NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

**Admission Requirements**

Admission to Professional Education Programs (p. 508)

**Major Requirements**

Teaching (Code 260-203)

A minimum of 36 semester credits beyond FREN 102, or 28 semester credits beyond FREN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 315</td>
<td>Advanced Grammar in Context</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 335</td>
<td>Written and Oral Expression</td>
<td></td>
</tr>
<tr>
<td>FREN 340</td>
<td>Professional Communication</td>
<td></td>
</tr>
<tr>
<td>FREN 345</td>
<td>Introduction to Literary Analysis</td>
<td></td>
</tr>
<tr>
<td>FREN 354</td>
<td>History of French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 355</td>
<td>Contemporary French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 361</td>
<td>Survey of French Literature I</td>
<td></td>
</tr>
<tr>
<td>FREN 362</td>
<td>Survey of French Literature II</td>
<td></td>
</tr>
<tr>
<td>FREN 401</td>
<td>Discussions on Contemporary Societal Issues</td>
<td></td>
</tr>
<tr>
<td>FREN 430</td>
<td>Environmental and Linguistic Diversity</td>
<td></td>
</tr>
<tr>
<td>FREN 450</td>
<td>Francophone Literature</td>
<td></td>
</tr>
<tr>
<td>FREN 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>FREN 395</td>
<td>Directed Studies</td>
<td></td>
</tr>
<tr>
<td>FREN 399</td>
<td>Independent Study - Juniors</td>
<td></td>
</tr>
<tr>
<td>FREN 499</td>
<td>Independent Study - Seniors</td>
<td></td>
</tr>
</tbody>
</table>

**Language Immersion Requirement**

Language Immersion Requirement: All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: ES 366 and ES 437 are required. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach French in Early Childhood through Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

**French, Minor - Teaching - EA-A**

Early Adolescence/Adolescence, Teaching (Code 260-404)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 315</td>
<td>Advanced Grammar in Context</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 335</td>
<td>Written and Oral Expression</td>
<td></td>
</tr>
<tr>
<td>FREN 340</td>
<td>Professional Communication</td>
<td></td>
</tr>
<tr>
<td>FREN 345</td>
<td>Introduction to Literary Analysis</td>
<td></td>
</tr>
<tr>
<td>FREN 354</td>
<td>History of French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 355</td>
<td>Contemporary French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 361</td>
<td>Survey of French Literature I</td>
<td></td>
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<td>Survey of French Literature II</td>
<td></td>
</tr>
<tr>
<td>FREN 401</td>
<td>Discussions on Contemporary Societal Issues</td>
<td></td>
</tr>
<tr>
<td>FREN 430</td>
<td>Environmental and Linguistic Diversity</td>
<td></td>
</tr>
<tr>
<td>FREN 450</td>
<td>Francophone Literature</td>
<td></td>
</tr>
<tr>
<td>FREN 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>FREN 395</td>
<td>Directed Studies</td>
<td></td>
</tr>
<tr>
<td>FREN 399</td>
<td>Independent Study - Juniors</td>
<td></td>
</tr>
<tr>
<td>FREN 499</td>
<td>Independent Study - Seniors</td>
<td></td>
</tr>
</tbody>
</table>

**French, Minor - Liberal Arts**

Liberal Arts (Code 260-401)
NOTE 1: ES 366 (two credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach French in Early Adolescence through Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

French, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 260-405)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 315</td>
<td>Advanced Grammar in Context</td>
<td>3</td>
</tr>
<tr>
<td>FREN 325</td>
<td>Pronunciation</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 335</td>
<td>Written and Oral Expression</td>
<td></td>
</tr>
<tr>
<td>FREN 340</td>
<td>Professional Communication</td>
<td></td>
</tr>
<tr>
<td>FREN 345</td>
<td>Introduction to Literary Analysis</td>
<td></td>
</tr>
<tr>
<td>FREN 354</td>
<td>History of French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 355</td>
<td>Contemporary French Civilization</td>
<td></td>
</tr>
<tr>
<td>FREN 361</td>
<td>Survey of French Literature I</td>
<td></td>
</tr>
<tr>
<td>FREN 362</td>
<td>Survey of French Literature II</td>
<td></td>
</tr>
<tr>
<td>FREN 401</td>
<td>Discussions on Contemporary Societal Issues</td>
<td></td>
</tr>
<tr>
<td>FREN 430</td>
<td>Environmental and Linguistic Diversity</td>
<td></td>
</tr>
<tr>
<td>FREN 450</td>
<td>Francophone Literature</td>
<td></td>
</tr>
<tr>
<td>FREN 491</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>FREN 395</td>
<td>Directed Studies</td>
<td></td>
</tr>
<tr>
<td>FREN 399</td>
<td>Independent Study - Juniors</td>
<td></td>
</tr>
<tr>
<td>FREN 499</td>
<td>Independent Study - Seniors</td>
<td></td>
</tr>
</tbody>
</table>

Language Immersion Requirement

Language Immersion Requirement: All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach French in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.
German Proficiency, Certificate
(Code 280-601)

The Department of Languages offers a certificate program in German Proficiency for students in any major or minor other than German who would like to add proficiency in German to their skill set. The program provides students with practical and professional language skills in German, thereby complementing majors in all other disciplines across the university and strengthening the prospects of students who intend to pursue careers or graduate study in the many areas in which proficiency in German is useful.

To complete the certificate, 13 credits beyond GERM 201 are required, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERM 202</td>
<td>Intermediate German II</td>
<td>4</td>
</tr>
<tr>
<td>GERM 314</td>
<td>Oral Proficiency</td>
<td>3</td>
</tr>
<tr>
<td>GERM 315</td>
<td>German for Professional Communication I</td>
<td>3</td>
</tr>
<tr>
<td>GERM 358</td>
<td>Introduction to Translation</td>
<td>2</td>
</tr>
<tr>
<td>GERM 395</td>
<td>Directed Studies (during which students prepare and present a translation in their major field of study)</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credits 13

German, Major - Liberal Arts

Liberal Arts (Code 280-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

- Minimum total for graduation 1: 120
- Upper division credits (courses numbered 300 and higher): 39
- Liberal Education Core (p. 46): 36
- Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

- Minimum total: 30
- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21
- Certificate: 25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICATION OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>2</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>72</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama</td>
<td>1</td>
</tr>
<tr>
<td>KINS 100-184</td>
<td>12</td>
</tr>
</tbody>
</table>
Single course band, chorus, drama maximum 4 credits

Extension credits

UW-System no maximum
Other extension/ correspondence maximum ¼ of total

USAFI maximum 32 credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sll/#header13) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 280-201)

A minimum of 36 semester credits in German beyond GERM 102, or 28 semester credits beyond GERM 202.

This emphasis requires:

GERM 313 Grammar Review and Composition 3
GERM 314 Oral Proficiency 3
GERM 315 German for Professional Communication I 3
GERM 325 The German Sound System 3
GERM 363 Modern Germany: Literature, History, Culture 3

Two 400-level German courses selected from the following:

GERM 413 Structure of German in Contrast
GERM 480 Seminar in German Culture and Civilization I, pre-1848
GERM 482 Seminar in German Culture and Civilization II, post-1848
GERM 491 Special Topics

Courses taken must include at least one from the following list:

GERM 480 Seminar in German Culture and Civilization I, pre-1848
GERM 482 Seminar in German Culture and Civilization II, post-1848

or equivalent 400-level German course approved by advisor

In addition, the student must take one course from the following list:

ARTH 319 Renaissance Art
ARTH 321 Baroque and Rococo Art
GEOG 301 Geography of Western Europe
HIST 102 Western Civilization Since 1660
HIST 284 The Nazis and Germany, 1914-1945
HIST 315 The Age of Reformation
HIST 326 Twentieth Century Europe, 1900 to Present
HIST 362 Modern Germany
PHIL 338 Modern European Philosophy I
POLS 327 Politics of Continental Europe
RELS 378 The Holocaust, 1933-1945

or an equivalent course approved by the advisor

German, Major - Teaching

Teaching (Code 280-204)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.
USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses.

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
<td>Total KINS 100-184</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>no maximum</td>
<td></td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LIBERAL EDUCATION CORE REQUIREMENTS**

**Knowledge Goal**

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

**Skills Goal**

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experience

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**Knowledge Goal**

One experience in laboratory science must be selected from either K1 or K2.

**Skills Goal**

One S1 must meet the University Writing Requirement (p. 49)

One S2 to meet the University Mathematics Requirement (p. 50)

One S3 to meet the University Mathematics Requirement (p. 50)

**Responsibility Goal**

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

One R2 to meet the University Mathematics Requirement (p. 50)

One R3 to meet the University Mathematics Requirement (p. 50)

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours
College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.

2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.

5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EC-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
</tr>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education or ES 470 Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education</td>
</tr>
<tr>
<td>ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
<tr>
<td>ES 475</td>
<td>Internship Teaching in Secondary Education</td>
</tr>
</tbody>
</table>

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.
NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

**Approved Majors and Minors for Option C**

<table>
<thead>
<tr>
<th>Comprehensive Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General 060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td></td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General 060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td></td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Kinesiology 991-065</td>
<td>KINS 290</td>
<td></td>
<td>ETS 5091</td>
</tr>
</tbody>
</table>

**Majors**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French 260-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German 280-204</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish 320-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
</tbody>
</table>

**Minors**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Physical Education 991-459</td>
<td>Only with KINS major</td>
<td>No addt'l exam</td>
<td></td>
</tr>
<tr>
<td>French 260-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German 280-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish 320-407</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>TESOL 550-410</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

A minimum of 36 semester credits in German beyond GERM 102, or 28 semester credits beyond GERM 202, including:

- GERM 313 Grammar Review and Composition 3
- GERM 314 Oral Proficiency 3
- GERM 315 German for Professional Communication I 3
- GERM 325 The German Sound System 3
- GERM 363 Modern Germany: Literature, History, Culture 3
- GERM 413 Structure of German in Contrast 3

**One of the following:**

- GERM 480 Seminar in German Culture and Civilization I, pre-1848
- GERM 482 Seminar in German Culture and Civilization II, post-1848
- GERM 491 Special Topics

In addition, students must also take:

- FLG 378 Second Language Acquisition Theory 3

As well as at least one course from the following list:

- ARTH 319 Renaissance Art
- ARTH 321 Baroque and Rococo Art
- GEOG 301 Geography of Western Europe
- HIST 102 Western Civilization Since 1660
- HIST 284 The Nazis and Germany, 1914-1945
- HIST 315 The Age of Reformation
- HIST 326 Twentieth Century Europe, 1900 to Present
- HIST 362 Modern Germany
- PHIL 338 Modern European Philosophy I
- POLS 327 Politics of Continental Europe
- RELS 378 The Holocaust, 1933-1945

or an equivalent course approved by the adviser

**Language Immersion Requirement**

1. **Language Immersion Requirement:** All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

**NOTE 1:** ES 366 and ES 437 are required. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach German in Early Childhood through Adolescence classrooms.

**NOTE 2:** For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

**German, Minor - Liberal Arts**

**Liberal Arts (Code 280-401)**
German, Minor - Teaching - EA-A

Early Adolescence/Adolescence, Teaching (Code 280-404)

A minimum of 24 semester credits beyond GERM 102, or 16 semester credits beyond GERM 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERM 313</td>
<td>Grammar Review and Composition</td>
<td>3</td>
</tr>
<tr>
<td>GERM 314</td>
<td>Oral Proficiency</td>
<td>3</td>
</tr>
<tr>
<td>GERM 315</td>
<td>German for Professional Communication I</td>
<td>3</td>
</tr>
<tr>
<td>GERM 363</td>
<td>Modern Germany: Literature, History, Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

Language Immersion Requirement

Language Immersion Requirement: All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: ES 366 (two credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach German in Early Adolescence through Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

German, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 280-405)

A minimum of 24 semester credits beyond GERM 102, or 16 semester credits beyond GERM 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERM 313</td>
<td>Grammar Review and Composition</td>
<td>3</td>
</tr>
<tr>
<td>GERM 314</td>
<td>Oral Proficiency</td>
<td>3</td>
</tr>
<tr>
<td>GERM 315</td>
<td>German for Professional Communication I</td>
<td>3</td>
</tr>
<tr>
<td>GERM 325</td>
<td>The German Sound System</td>
<td>3</td>
</tr>
<tr>
<td>GERM 363</td>
<td>Modern Germany: Literature, History, Culture</td>
<td>3</td>
</tr>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

Language Immersion Requirement

Language Immersion Requirement: All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach German in Middle Childhood through Early Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.
Japanese, Minor

Liberal Arts (Code 270-401)

A minimum of 24 semester credits, including 16 credits in core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPN 101</td>
<td>Beginning Japanese I</td>
<td>4</td>
</tr>
<tr>
<td>JAPN 102</td>
<td>Beginning Japanese II</td>
<td>4</td>
</tr>
<tr>
<td>JAPN 201</td>
<td>Intermediate Japanese I</td>
<td>4</td>
</tr>
<tr>
<td>JAPN 202</td>
<td>Intermediate Japanese II</td>
<td>4</td>
</tr>
</tbody>
</table>

Eight credits from the following, of which a minimum of six credits must be at the 300 or 400 level:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG 53</td>
<td>Economics of Pacific Asia</td>
<td></td>
</tr>
<tr>
<td>FLG 150</td>
<td>Foreign Civilization and Culture (when focusing on Japan)</td>
<td></td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia</td>
<td></td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
<td></td>
</tr>
<tr>
<td>JAPN 301</td>
<td>Advanced Japanese Language and Culture I</td>
<td></td>
</tr>
<tr>
<td>JAPN 302</td>
<td>Advanced Japanese Language and Culture II</td>
<td></td>
</tr>
<tr>
<td>RELS 312</td>
<td>Buddhism: Past and Present</td>
<td></td>
</tr>
<tr>
<td>RELS 323</td>
<td>Chinese and Japanese Religions</td>
<td></td>
</tr>
<tr>
<td>RELS 326</td>
<td>Asian Religious Philosophies</td>
<td></td>
</tr>
</tbody>
</table>

Additionally, up to three credits of Directed Studies or Independent Study for projects focusing on Japan may be applied to the minor with approval from the minor advisor.

Other Special Topics courses focusing on Japan may be considered as elective courses with consultation and approval of the minor advisor. Students are strongly encouraged to participate in the study abroad program in Japan. Course credit gained at the study abroad site may be used to fulfill part of the Japanese minor with approval of the minor advisor.

Ojibwe Language, Certificate

(Code 290-601)

The Ojibwe Language Certificate provides students with the opportunity to become part of the global movement to revitalize endangered Indigenous languages. Upon completion of this certificate students will be able to: converse in Ojibwe at an intermediate level, have the linguistic and cultural competency to function effectively and appropriately in an Ojibwe cultural setting, be able to conduct future Ojibwe language research, and learn oral presentations skills which can be applied to any language.

To complete the certificate, students must have a minimum of 15 credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG/AIS 121</td>
<td>Beginning Ojibwe I</td>
<td>4</td>
</tr>
<tr>
<td>LANG/AIS 122</td>
<td>Beginning Ojibwe II</td>
<td>4</td>
</tr>
<tr>
<td>LANG/AIS 221</td>
<td>Intermediate Ojibwe I</td>
<td>4</td>
</tr>
</tbody>
</table>

Remaining credits may be selected from the following elective courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG 160</td>
<td>Ojibwe Culture and History</td>
<td></td>
</tr>
<tr>
<td>LANG/AIS 222</td>
<td>Intermediate Ojibwe II</td>
<td></td>
</tr>
</tbody>
</table>

1. AIS 111 may be substituted for LANG 121/AIS 121 if the topic is focused on Ojibwe language.

2. AIS 112 may be substituted for LANG 122/AIS 122 if the topic is focused on Ojibwe language.

Note: For students pursuing the American Indian Studies Major and Ojibwe Language Certificate as their first and second degree programs to meet graduation requirements, at least 48 unique credits between the major and certificate is required.

Spanish for Health Professions, Minor

Liberal Arts (Code 320-408)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 420</td>
<td>Spanish for Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>LAS 222</td>
<td>Introduction to U.S. Latino History and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 405</td>
<td>Advanced Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 409</td>
<td>The Craft of Translation</td>
<td>3</td>
</tr>
</tbody>
</table>

And, one 300-level Spanish elective course (1, 2, or 3 credits) is required. 1

1. SPAN 352/LAS 352 is highly recommended.

Spanish, Major - Liberal Arts

Liberal Arts (Code 320-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

1. SPAN 352/LAS 352 is highly recommended.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from each of those technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 112 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 320-201)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

All Spanish, Liberal Arts Majors will take a minimum of 36 credits beyond SPAN 102, or 28 credits beyond SPAN 202, including:

Core Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
<td>3</td>
</tr>
</tbody>
</table>
### Spanish, Major - Teaching

**Teaching (Code 320-203)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**
- Minimum total for graduation: 120
- Upper division credits (courses numbered 300 and higher): 39
- Liberal Education Core (p. 46): 36
- Academic Concentrations (p. 50): 2

**Grade Point Requirements**
- Total: 2.00 average
- Resident: 2.00 average
- Major: 2.00 average
- Minor: 2.00 average
- Certificate: 2.00 average

**University Residency Requirements** (p. 50)
- Minimum total: 30
- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21
- Certificate: 25 percent of credits

**Procedures Required for Graduation**
- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

**Applicability of Credits Toward Graduation**

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

---

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
</tr>
<tr>
<td>SPAN 352</td>
<td>Latin American Civilization</td>
</tr>
<tr>
<td></td>
<td>or SPAN 354</td>
</tr>
<tr>
<td></td>
<td>Latin American Civilization: Regional Focus</td>
</tr>
<tr>
<td>SPAN 405</td>
<td>Advanced Conversation</td>
</tr>
</tbody>
</table>

In addition to the requirements above, this major requires:

**One survey course:**
- SPAN 360 Survey of Hispanic Linguistics
- SPAN 363 Survey of Spanish Peninsular Literature
- SPAN/LAS 367 Survey of Latin American Literature

**Two interest courses:**
- SPAN 340 Spanish for Business
- SPAN 355 Spanish Civilization to 1900
- SPAN 356 Contemporary Spain
- SPAN 410 Advanced Grammar
- SPAN/LAS 418 Spanish Sociolinguistics in Latin America/USA
- SPAN 420 Spanish for Health Professions

**One advanced course from the following list:**
- SPAN 385 Spanish Literature from Unamuno to Garcia Lorca
- SPAN 386 Contemporary Spanish Literature
- SPAN 409 The Craft of Translation
- SPAN/LAS 475 Topics in Latin American Literature
- SPAN/LAS 476 The Novel in Latin America I: 1850-1950
- SPAN/LAS 477 The Novel in Latin America II: 1950-Present
- SPAN/LAS 478 Latin American Modernismo
- SPAN/LAS 480 Latin American Literature and Film
- SPAN/WGSS 482 Women in Latin American Literature
- SPAN 491 Special Topics (when offered as a 3-credit advanced course)
- SPAN 492 Seminar in Hispanic Linguistics Research

**One upper-division Spanish elective course (300 level or higher) from one to three credits**

In addition, the student must take one course from the following list:
- ARTH/AIS 335 Ancient Art and Architecture of Mexico and Central America
- ARTH/AIS 337 Art of Tawantinsuyo
- AIS/ANTH 161 Introduction to Cultural Anthropology
- CSD 311 Language Development and Disorders: Related Disciplines
- ECON/LAS 356 Economic Development of Latin America
- ENGL 321 Topics in the Structure of English
- ENGL 397 Writing Center Theory & Practice
- GEOG/LAS 321 Geography of Latin America
- HIST/LAS 309 Latin America Through Independence
- HIST/LAS 311 Latin America Since Independence
- LAS 150 Introduction to Latin American Studies

**LAS 222** Introduction to U.S. Latino History and Culture
**LAS 314** Music and Dance of Latin America
**MATH 107** Mathematics in Latin American Cultures
**NRS 389** Cross Cultural Health
**PHIL 322** Philosophy of Language
**POLS/LAS 319** Politics of Latin America
**RELS/AIS 330** Indigenous Religions of the Americas
**WGSS 422** Women’s, Gender, and Sexuality Studies Advanced Travel Seminar (when offered as Women in Nicaragua)

The flexibility to choose from a variety of courses after those required in the core provides interested students with the opportunity to focus on Spanish for the professions, or Spanish linguistics if they so desire.
**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for transfer credits. All other (non-UW) extension and correspondence credits are treated as resident credits. Credits earned in extension courses offered by UW-System are treated as resident credits. Credits earned in credit outreach courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses.

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>1</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>2</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>72</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
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</tr>
<tr>
<td>Total KINS 100-184</td>
<td>1</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>12</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>4</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>No maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>32</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Learning Experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) experience</td>
</tr>
</tbody>
</table>
Responsibility Outcome 3 (R3): Civic and Environmental Issues
Integration Goal
Integration Outcome 1 (I1): Integration
Service-Learning Goal

Collage Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.

2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average

3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.

5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology</th>
<th>3</th>
<th>AND another learning experience</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Teaching Licensure Requirements - EC-A Licensure |

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
</tr>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
</tr>
<tr>
<td>ES 446</td>
<td>Internship Teaching in Elementary Education</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 470</td>
<td>Student Teaching in Secondary Education</td>
</tr>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
</tr>
</tbody>
</table>

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education

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<td>S3 (Creativity)</td>
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<td>2</td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
or
ES 475 Internship Teaching in Secondary Education 6-12

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 446, or ES 475.

### Approved Majors and Minors for Option C

<table>
<thead>
<tr>
<th>Comprehensiv Code Majors</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General</td>
<td>060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>991-065</td>
<td>KINS 290</td>
<td>ETS 5091</td>
</tr>
</tbody>
</table>

### Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
</tbody>
</table>

### Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Physical Education</td>
<td>991-459</td>
<td>Only with KINS major</td>
<td>No add'l exam major</td>
</tr>
<tr>
<td>French</td>
<td>260-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>German</td>
<td>280-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-407</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>TESOL</td>
<td>550-410</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
</tr>
</tbody>
</table>

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

### Admission Requirements

#### Admission to Professional Education Programs (p. 508)

### Major Requirements

#### Teaching (Code 320-203)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Minimum of 36 credits beyond SPAN 102 (Beginning Spanish), or a minimum of 28 credits beyond SPAN 202 (Intermediate Spanish),

- SPAN 301 Advanced Composition 3
- SPAN 302 Advanced Conversation and Composition 3
- SPAN 325 Phonetics and Pronunciation 3

### Spanish, Major - Teaching

In addition to the requirements above, this emphasis requires:

- SPAN/LAS 352 Latin American Civilization 3
- or SPAN 354 Latin American Civilization: Regional Focus 3
- SPAN 355 Spanish Civilization to 1900 3
- or SPAN 356 Contemporary Spain 3
- SPAN 363 Survey of Spanish Peninsular Literature 3
- SPAN/LAS 367 Survey of Latin American Literature 3
- SPAN 405 Advanced Conversation 3
- SPAN 410 Advanced Grammar 3

#### Elective: One course

Any upper division course in Spanish (300 level or above)

SPAN 409 or an advanced literature course highly recommended but not required.

### Additional Required Courses for Certification

- FLG 378 Second Language Acquisition Theory 3
- ES 366 Teaching Foreign Languages Grades 5-12 2-3
- ES 437 Teaching Foreign Languages in Grades 1-8 2

### Language Immersion Requirement:

1
Language Immersion Requirement: All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

### Spanish, Minor - Liberal Arts

Liberal Arts (Code 320-401)

**Information for all Spanish Majors and Minors**

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>Nine credits from the following:</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
<td></td>
</tr>
<tr>
<td>SPAN 355</td>
<td>Spanish Civilization to 1900</td>
<td></td>
</tr>
<tr>
<td>SPAN 356</td>
<td>Contemporary Spain</td>
<td></td>
</tr>
<tr>
<td>SPAN 405</td>
<td>Advanced Conversation</td>
<td></td>
</tr>
<tr>
<td>SPAN/LAS 352</td>
<td>Latin American Civilization</td>
<td></td>
</tr>
</tbody>
</table>

### Spanish, Minor - Teaching - EC-A

Early Childhood/Adolescence, Teaching (Code 320-407)

**Information for all Spanish Majors and Minors**

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
<td></td>
</tr>
<tr>
<td>SPAN 410</td>
<td>Advanced Grammar</td>
<td></td>
</tr>
</tbody>
</table>

One civilization course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 355</td>
<td>Spanish Civilization to 1900</td>
<td></td>
</tr>
</tbody>
</table>

## Spanish, Minor - Teaching - EA-A

Early Adolescence/Adolescence, Teaching (Code 320-405)

**Information for all Spanish Majors and Minors**

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>SPAN 301</td>
<td>Advanced Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
<td></td>
</tr>
<tr>
<td>SPAN 410</td>
<td>Advanced Grammar</td>
<td></td>
</tr>
</tbody>
</table>

One civilization course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 355</td>
<td>Spanish Civilization to 1900</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>SPAN 356</td>
<td>Contemporary Spain</td>
<td></td>
</tr>
<tr>
<td>SPAN/LAS 352</td>
<td>Latin American Civilization</td>
<td></td>
</tr>
</tbody>
</table>

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLG 378</td>
<td>Second Language Acquisition Theory</td>
</tr>
</tbody>
</table>

**Language Immersion Requirement:**

1. **Language Immersion Requirement:** All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

NOTE 1: ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Spanish in Middle Childhood through Early Adolescence classrooms.

NOTE 2: For departmental recommendation for student teaching and certification, passing the OPI or OPIc with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your advisor for additional certification requirements.

---

**Spanish, Minor - Teaching - MC-EA**

**Middle Childhood/Early Adolescence, Teaching (Code 320-406)**

**Information for all Spanish Majors and Minors**

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 301</td>
<td>Advanced Composition</td>
</tr>
<tr>
<td>SPAN 302</td>
<td>Advanced Conversation and Composition</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
</tr>
<tr>
<td>SPAN 410</td>
<td>Advanced Grammar</td>
</tr>
</tbody>
</table>

**One civilization course from the following:**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SPAN 355</td>
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</tr>
</tbody>
</table>

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
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<td>FLG 378</td>
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**Latin American Studies**

Hibbard Humanities Hall 384  
715-836-3212  
Program Website [https://www.uwec.edu/academics/college-arts-sciences/departments-programs/latin-american-studies](https://www.uwec.edu/academics/college-arts-sciences/departments-programs/latin-american-studies)

The globally interdependent nature of today’s world makes second language proficiency and cross-cultural understanding valuable assets for students in any field. Students in the Latin American Studies (LAS) Program can develop a high proficiency in Spanish through the LAS core language courses and language immersion requirements. Students also gain in-depth knowledge and understanding of Latin America and the Latinx/Hispanic communities in the United States through an array of courses from multiple disciplines including economics, geography, political science, art history, religion, history, anthropology, public and environmental health, nursing, and women’s, gender, and sexuality studies.

The significant Latinx/Hispanic population in the United States and the increasing social, cultural, and economic interconnectedness between the countries and peoples of the hemisphere will increase the demand for professionals who are both proficient in the Spanish language as well as prepared to work with the Latinx/Hispanic communities in the US and the people of Latin America. The Latin American Studies majors, minor, and certificate are well suited for students who plan to:

1. pursue careers which require residence in or knowledge of Latin America (e.g., business, journalism, government, NGOs, and others);
2. teach Spanish in Early Childhood through Adolescence classrooms (through the LAS Comprehensive Major - Teaching); and/or
3. pursue graduate work in Latin American studies or other disciplines where a Latin American specialization would be helpful (e.g., Latin American and Latinx/Hispanic literature, political science, economics, history, art history, to name just a few).

Note: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.
Application for Admission to Latin American Studies Internships

Applying for Admission to the Internship: Visit the Latin American Studies Program’s web page or talk to your advisor or the LAS Program Director to learn about the application requirements and procedures for internships. Students planning to enroll in LAS 488/LAS 688: Internship, or LAS 498/LAS 698: Internship with Language Immersion, in the summer or fall should apply by the priority deadline of February 1 of the year of internship for summer or fall enrollment. October 1 is the priority deadline for winterim or spring enrollment.

Optional Concentrations

Students interested in developing an expertise in a particular substantive area can choose to take courses in the following areas of expertise. Optional concentrations should consist of a minimum of 12 credits.

| First Nations                  | AIS 444 | Indigenous Theory and Methodologies | 3 |
| ARTH/AIS 335 | Ancient Art and Architecture of Mexico and Central America |
| ARTH/AIS 337 | Art of Tawantinsuyo | 3 |
| MATH 107 | Mathematics in Latin American Cultures | 4 |
| RELS/AIS 330 | Indigenous Religions of the Americas | 3 |

| Development                   | AIS 444 | Indigenous Theory and Methodologies | 3 |
| ANTH/WGSS 356 | Women in Cross-Cultural Perspective | 3 |
| ECON/WGSS 357 | Women and Economic Development | 3 |
| LAS/ECON 356 | Economic Development of Latin America | 3 |
| LAS/POLS 319 | Politics of Latin America | 3 |
| LAS/GEOG 321 | Geography of Latin America | 3 |

| History                        | ANTH/WGSS 356 | Women in Cross-Cultural Perspective | 3 |
| ARTH/AIS 335 | Ancient Art and Architecture of Mexico and Central America | 3 |
| ARTH/AIS 337 | Art of Tawantinsuyo | 3 |
| LAS 222 | Introduction to U.S. Latino History and Culture | 3 |
| LAS/HIST 309 | Latin America Through Independence | 3 |
| LAS/HIST 311 | Latin America Since Independence | 3 |

| Cultural Studies               | AIS 444 | Indigenous Theory and Methodologies | 3 |
| ANTH 315 | Language in Culture and Society | 3 |
| ANTH/WGSS 356 | Women in Cross-Cultural Perspective | 3 |
| ARTH/AIS 335 | Ancient Art and Architecture of Mexico and Central America | 3 |
| ARTH/AIS 337 | Art of Tawantinsuyo | 3 |
| ECON/WGSS 357 | Women and Economic Development | 3 |
| LAS 222 | Introduction to U.S. Latino History and Culture | 3 |
| LAS 314 | Music and Dance of Latin America | 3 |
| LAS/FLTR 350 | Latin American Literature in Translation | 3 |
| LAS 491 | Special Topics (when topic relates to cultural studies) | 3 |

| Women’s, Gender and Sexuality Studies | ANTH 315 | Language in Culture and Society | 3 |
| ANTH/WGSS 356 | Women in Cross-Cultural Perspective | 3 |
| ECON/WGSS 357 | Women and Economic Development | 3 |
| LAS/ECON 356 | Economic Development of Latin America | 3 |
| WGSS/SPAN 482 | Women in Latin American Literature | 3 |
| WGSS 422 | Women’s, Gender, and Sexuality Studies Advanced Travel Seminar (when offered as Women in Nicaragua) | 1-6 |

| Business/Health                | NRSG 389 | Cross Cultural Health | 3 |
| SPAN 409 | The Craft of Translation | 3 |
| SPAN 410 | Advanced Grammar | 3 |
| SPAN 420 | Spanish for Health Professions | 3 |
| SPAN 440 | Spanish Business Writing | 3 |

| Spanish Language, Linguistics and Literature | ANTH 315 | Language in Culture and Society | 3 |
| LAS/SPAN 367 | Survey of Latin American Literature | 3 |
| LAS/SPAN 475 | Topics in Latin American Literature | 3 |
| LAS/SPAN 476 | The Novel in Latin America I: 1850-1950 | 3 |
| LAS/SPAN 477 | The Novel in Latin America II: 1950-Present | 3 |
| LAS/SPAN 480 | Latin American Literature and Film | 3 |
| SPAN 325 | Phonetics and Pronunciation | 3 |
| SPAN 360 | Survey of Hispanic Linguistics | 3 |
| SPAN 405 | Advanced Conversation | 3 |
| SPAN 409 | The Craft of Translation | 3 |
| SPAN 410 | Advanced Grammar | 3 |
| SPAN/LAS 418 | Spanish Sociolinguistics in Latin America/USA | 3 |
| SPAN 491 | Special Topics (Latin American or Phonetics topics only) | 1-3 |
| SPAN 492 | Seminar in Hispanic Linguistics Research | 3 |

| Sustainability                | AIS 444 | Indigenous Theory and Methodologies | 3 |
| BIOL 320 | Studies in Tropical Environments (when relates to Latin America) | 3 |
| LAS/ECON 356 | Economic Development of Latin America | 3 |
| LAS/GEOG 321 | Geography of Latin America | 3 |

| Faculty                       | Manuel Fernandez, Program Director |

| Majors                        | Gerardo Licón |

- Major: Latin American Studies, Culture and Society Emphasis, Liberal Arts - B.A./B.S. (http://catalog.uwec.edu/undergraduate/arts-sciences/latin-
Minors
- Minor: Latin American Studies, Liberal Arts (p. 341)

Certificates
- Certificate: Latin American Studies (p. 335)

Latin American Studies, Certificate
Liberal Arts (Code 340-601)

The Latin American Studies Certificate is intended to provide students in any field of study with the opportunity to learn more about Latin America and its peoples without requiring either knowledge of the language nor immersion time in a Latin American country. The certificate can be particularly useful for students in fields, which may bring them into contact with people of Latin American origin or descent living in the U.S., such as education, nursing, social work, among others. The Certificate may also interest Spanish majors and minors who have studied in Spain and don’t have the ability to do an immersion in a Latin American country, but would nonetheless benefit from learning more about Latin America and Latino/Hispanic communities in the U.S., their history, and their culture, as well as heritage speakers of Spanish who might not be interested in formally pursuing the study of the Spanish language, but do want to learn more about Latin America and Latin American communities in the U.S.

12 credits required

Core courses:
- LAS 150 Introduction to Latin American Studies 3
- LAS 222 Introduction to U.S. Latino History and Culture 3

Two courses from the Humanities/Social Sciences courses listed below (or other courses with approval of the LAS Program Director):
- AIS 444 Indigenous Theory and Methodologies
- ANTH 315 Language in Culture and Society
- ANTH/WGSS 356 Women in Cross-Cultural Perspective
- ARTH/AIS 335 Ancient Art and Architecture of Mexico and Central America
- ARTH/AIS 337 Art of Tawantinsuyo
- ECON/WGSS 357 Women and Economic Development
- ES 385 Social Foundations: Human Relations
- ENPH 115 Global Environmental and Public Health
- ENPH/NRSG 225 Introduction to Public Health
- ENV 101 Sustainability Basics and Beyond
- ENV 140 Water Problems, Water Solutions
- ENV/GEOG 378 International Environmental Problems and Policy
- HNRS 132 Honors Colloquium in Humanities with Equity, Diversity, and Inclusivity (when offered as Crossing Borders: Discourses from Latin America)
- LAS/HIST 309 Latin America Through Independence

Note 1: Courses cannot be counted in both the major and the certificate program for purposes of meeting graduation requirements for first and second degree programs.

Note 2: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

For advising, contact the Latin American Studies Program.

Latin American Studies, Culture and Society Emphasis, Major
Liberal Arts (Code 340-205)

University Requirements

Graduation Requirements for Baccalaureate Degree

<table>
<thead>
<tr>
<th>Credit Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Point Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
</tr>
<tr>
<td>Resident</td>
</tr>
<tr>
<td>Major</td>
</tr>
<tr>
<td>Minor</td>
</tr>
<tr>
<td>Certificate</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>University Residency Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
</tr>
<tr>
<td>Senior year</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
</tr>
<tr>
<td>Certificate</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

| LAS/HIST 311 Latin America Since Independence |
| LAS 314 Music and Dance of Latin America |
| LAS/GEOG 321 Geography of Latin America |
| LAS/ECON 356 Economic Development of Latin America |
| MATH 107 Mathematics in Latin American Cultures |
| NRSG 389 Cross Cultural Health |
| RELS/AIS 330 Indigenous Religions of the Americas |
| SOC 312 Race and Ethnicity in the U.S. |
| SOC 314 Social Class and Inequality |
| WGSS 422 Women’s, Gender, and Sexuality Studies Advanced Travel Seminar (when offered as Women in Nicaragua) |
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>Liberal Education Core</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 72 credits</td>
<td>maximum 12 credits</td>
<td>no maximum</td>
<td>a minimum of 36 credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum 1 course</td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum 4 credits</td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum ¼ of total</td>
<td>maximum 1 credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>maximum ½ of total</td>
<td>maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>maximum 4 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

**Knowledge Goal**

- One K1 must meet the University Writing Requirement (p. 49)
- Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
- Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
- Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
- Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

**Skills Goal**

- Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences
- Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience
- Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience
Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 111. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 340-205)

Minimum 36 semester credits including:

Required Courses-15 to 17 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAS 150</td>
<td>Introduction to Latin American Studies</td>
<td>3</td>
</tr>
<tr>
<td>LAS 222</td>
<td>Introduction to U.S. Latino History and Culture</td>
<td>3</td>
</tr>
<tr>
<td>LAS 450</td>
<td>Capstone for Latin American Studies (minimum one credit)</td>
<td>1-3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish I</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 202</td>
<td>Intermediate Spanish II</td>
<td>4</td>
</tr>
</tbody>
</table>

Electives-a minimum of 19 credits

At least 12 credits from the following:

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>AIS 444</td>
<td>Indigenous Theory and Methodologies</td>
</tr>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
</tr>
<tr>
<td>ANTH/WGSS 356</td>
<td>Women in Cross-Cultural Perspective</td>
</tr>
<tr>
<td>ARTH/AIS 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
</tr>
<tr>
<td>ARTH/AIS 337</td>
<td>Art of Tawantsuyu</td>
</tr>
<tr>
<td>ECON/WGSS 357</td>
<td>Women and Economic Development</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ENPH 115</td>
<td>Global Environmental and Public Health</td>
</tr>
<tr>
<td>ENPH/NRSG 225</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>ENV 101</td>
<td>Sustainability Basics and Beyond</td>
</tr>
<tr>
<td>ENV 140</td>
<td>Water Problems, Water Solutions</td>
</tr>
<tr>
<td>ENV/GEOG 378</td>
<td>International Environmental Problems and Policy</td>
</tr>
<tr>
<td>HNRS 132</td>
<td>Honors Colloquium in Humanities with Equity, Diversity, and Inclusivity (when offered as Crossing Borders: Discourses from Latin America)</td>
</tr>
<tr>
<td>LAS/HIST 309</td>
<td>Latin America Through Independence</td>
</tr>
<tr>
<td>LAS/HIST 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>LAS 314</td>
<td>Music and Dance of Latin America</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>LAS/POLS 319</td>
<td>Politics of Latin America</td>
</tr>
<tr>
<td>LAS/GEOG 321</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>LAS/FLTR 350</td>
<td>Latin American Literature in Translation</td>
</tr>
<tr>
<td>LAS/ECON 356</td>
<td>Economic Development of Latin America</td>
</tr>
<tr>
<td>LAS 390</td>
<td>Latin American Studies Immersion Experience</td>
</tr>
<tr>
<td>LAS 395</td>
<td>Directed Studies</td>
</tr>
<tr>
<td>LAS 488</td>
<td>Internship 2</td>
</tr>
<tr>
<td>LAS 491</td>
<td>Special Topics</td>
</tr>
<tr>
<td>LAS 498</td>
<td>Internship with Language Immersion 2</td>
</tr>
<tr>
<td>MATH 107</td>
<td>Mathematics in Latin American Cultures</td>
</tr>
<tr>
<td>NRSG 389</td>
<td>Cross Cultural Health</td>
</tr>
<tr>
<td>RELS/AIS 330</td>
<td>Indigenous Religions of the Americas</td>
</tr>
<tr>
<td>SOC 312 or SOC 314</td>
<td>Race and Ethnicity in the U.S. or Social Class and Inequality</td>
</tr>
<tr>
<td>SPAN 492</td>
<td>Seminar in Hispanic Linguistics Research</td>
</tr>
<tr>
<td>WGGSS 422</td>
<td>Women’s, Gender, and Sexuality Studies Advanced Travel Seminar (when offered as Women in Nicaragua)</td>
</tr>
</tbody>
</table>

Maximum of nine credits from the following: 9

<table>
<thead>
<tr>
<th>Course Code or Title</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAS/SPAN 352 or LAS/SPAN 354</td>
<td>Latin American Civilization or Latin American Civilization Regional Focus</td>
</tr>
<tr>
<td>LAS/SPAN 367</td>
<td>Survey of Latin American Literature</td>
</tr>
<tr>
<td>LAS/SPAN 475</td>
<td>Topics in Latin American Literature</td>
</tr>
<tr>
<td>LAS/SPAN 476</td>
<td>The Novel in Latin America I: 1850-1950</td>
</tr>
<tr>
<td>LAS/SPAN 477</td>
<td>The Novel in Latin America II: 1950-Present</td>
</tr>
<tr>
<td>LAS/SPAN 478</td>
<td>Latin American Modernismo</td>
</tr>
<tr>
<td>LAS/SPAN 480</td>
<td>Latin American Literature and Film</td>
</tr>
<tr>
<td>SPAN 325</td>
<td>Phonetics and Pronunciation</td>
</tr>
<tr>
<td>SPAN 340</td>
<td>Spanish for Business</td>
</tr>
<tr>
<td>SPAN 360</td>
<td>Survey of Hispanic Linguistics</td>
</tr>
<tr>
<td>SPAN 405</td>
<td>Advanced Conversation</td>
</tr>
<tr>
<td>SPAN 409</td>
<td>The Craft of Translation</td>
</tr>
<tr>
<td>SPAN 410</td>
<td>Advanced Grammar</td>
</tr>
<tr>
<td>SPAN/LAS 418</td>
<td>Spanish Sociolinguistics in Latin America/USA</td>
</tr>
<tr>
<td>SPAN 420</td>
<td>Spanish for Health Professions</td>
</tr>
<tr>
<td>SPAN 440</td>
<td>Spanish Business Writing</td>
</tr>
<tr>
<td>SPAN/WGGSS 482</td>
<td>Women in Latin American Literature</td>
</tr>
<tr>
<td>SPAN 491</td>
<td>Special Topics (Latin American or Phonetics topics only)</td>
</tr>
</tbody>
</table>

Language Immersion Requirement 3

1. Language Immersion Requirement: The immersion requirement for the Latin American Studies, Culture and Society Emphasis, Major can be fulfilled through a minimum three-week immersion in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the Latin American Studies (LAS) Committee from the following options: National Student Exchange, internship, or volunteer work. Additionally, when offered, this immersion requirement can also be fulfilled by a Domestic Intercultural Immersion (DII) experience of at least 10 days' duration with a significant Latinx/Hispanic-related content which has been approved by the LAS Committee.

Note: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

Latin American Studies, Language Emphasis, Major

Liberal Arts (Code 340-203)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation 1</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

Certificate | 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.
Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/ Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Other extension/correspondence</th>
<th>maximum ¼ of total</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th>USASI</th>
<th>maximum 32 credits</th>
</tr>
</thead>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Goal</td>
<td>Responsibility Outcome 2 (R2): Global Perspectives</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>
**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second program degree. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 340-203)**

**Minimum 36 semester credits including:**

<table>
<thead>
<tr>
<th>Required Courses-16-18 credits</th>
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</thead>
<tbody>
<tr>
<td>LAS 150 Introduction to Latin American Studies</td>
</tr>
<tr>
<td>LAS 222 Introduction to U.S. Latino History and Culture</td>
</tr>
</tbody>
</table>

Select one of the following: 3

<table>
<thead>
<tr>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAS 450 Capstone for Latin American Studies (minimum one credit)</td>
</tr>
<tr>
<td>SPAN 301 Advanced Composition</td>
</tr>
<tr>
<td>SPAN 302 Advanced Conversation and Composition</td>
</tr>
</tbody>
</table>

At least 9 credits from the following: 9

| LAS/SPAN 367 Survey of Latin American Literature |
| SPAN/LAS 418 Spanish Sociolinguistics in Latin America/USA |
| LAS/SPAN 475 Topics in Latin American Literature |
| LAS/SPAN 476 The Novel in Latin America I: 1850-1950 |
| LAS/SPAN 477 The Novel in Latin America II: 1950-Present |
| LAS/SPAN 478 Latin American Modernismo |
| LAS/SPAN 480 Latin American Literature and Film |
| SPAN 325 Phonetics and Pronunciation |
| SPAN 340 Spanish for Business |
| SPAN 360 Survey of Hispanic Linguistics |
| SPAN 405 Advanced Conversation |
| SPAN 409 The Craft of Translation |
| SPAN 410 Advanced Grammar |
| SPAN 420 Spanish for Health Professions |
| SPAN 440 Spanish Business Writing |
| SPAN/WGSS 482 Women in Latin American Literature |
| SPAN 491 Special Topics (Latin American or Phonetics topics only) |

**Electives-a minimum of 9 credits**

<table>
<thead>
<tr>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 444 Indigenous Theory and Methodologies</td>
</tr>
<tr>
<td>ANTH 315 Language in Culture and Society</td>
</tr>
<tr>
<td>ANTH/WGSS 356 Women in Cross-Cultural Perspective</td>
</tr>
<tr>
<td>ARTH/AIS 335 Ancient Art and Architecture of Mexico and Central America</td>
</tr>
</tbody>
</table>
Latin American Studies, Minor

Liberal Arts (Code 340-402)

Minimum 24 semester credits including:

**Required Courses-14 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAS 150</td>
<td>Introduction to Latin American Studies</td>
<td>3</td>
</tr>
<tr>
<td>LAS 222</td>
<td>Introduction to U.S. Latino History and Culture</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish I</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 202</td>
<td>Intermediate Spanish II</td>
<td>4</td>
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</tbody>
</table>

**Electives-at least 10 credits from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>AIS 444</td>
<td>Indigenous Theory and Methodologies</td>
</tr>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
</tr>
<tr>
<td>ANTH/WGSS 356</td>
<td>Women in Cross-Cultural Perspective</td>
</tr>
<tr>
<td>ARTH/AIS 335</td>
<td>Ancient Art and Architecture of Mexico and Central America</td>
</tr>
<tr>
<td>ARTH/AIS 337</td>
<td>Art of Tawantinsuyo</td>
</tr>
<tr>
<td>ECON/WGSS 357</td>
<td>Women and Economic Development</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
</tr>
<tr>
<td>ENPH 115</td>
<td>Global Environmental and Public Health</td>
</tr>
<tr>
<td>ENPH/NRSG 225</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>ENV 101</td>
<td>Sustainability Basics and Beyond</td>
</tr>
<tr>
<td>ENV 140</td>
<td>Water Problems, Water Solutions</td>
</tr>
<tr>
<td>ENV/GEOG 378</td>
<td>International Environmental Problems and Policy</td>
</tr>
<tr>
<td>HNRS 132</td>
<td>Honors Colloquium in Humanities with Equity, Diversity, and Inclusivity (when offered as Crossing Borders: Discourses from Latin America)</td>
</tr>
<tr>
<td>LAS/HIST 309</td>
<td>Latin America Through Independence</td>
</tr>
<tr>
<td>LAS/HIST 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>LAS 314</td>
<td>Music and Dance of Latin America</td>
</tr>
<tr>
<td>LAS/POLS 319</td>
<td>Politics of Latin America</td>
</tr>
<tr>
<td>LAS/GEOG 321</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>LAS/FLTR 350</td>
<td>Latin American Literature in Translation</td>
</tr>
<tr>
<td>LAS/ECON 356</td>
<td>Economic Development of Latin America</td>
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<td>LAS 390</td>
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<td>MATH 107</td>
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<td>MATH 107</td>
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<tr>
<td>SOC 312</td>
<td>Race and Ethnicity in the U.S.</td>
</tr>
<tr>
<td>or SOC 314</td>
<td>Social Class and Inequality</td>
</tr>
<tr>
<td>SPAN 492</td>
<td>Seminar in Hispanic Linguistics Research</td>
</tr>
<tr>
<td>WGSS 422</td>
<td>Women’s, Gender, and Sexuality Studies Advanced Travel Seminar (when offered as Women in Nicaragua)</td>
</tr>
</tbody>
</table>

**Language Immersion Requirement:** Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

Note: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.
Language Immersion Requirement 3
1 or equivalent courses offered in the study abroad programs
2 Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the minor.
3 Language Immersion Requirement: The immersion requirement for the Latin American Studies, Minor can be fulfilled through a minimum three-week immersion in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the Latin American Studies (LAS) Committee from the following options:
   - National Student Exchange, internship, or volunteer work. Additionally, when offered, this immersion requirement can also be fulfilled by a Domestic Intercultural Immersion (DII) experience of at least 10 days' duration with a significant Latinx/Hispanic-related content which has been approved by the LAS Committee.

Note: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

Materials Science
Phillips 177
715-836-5504
Program Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/materials-science-engineering)

The field of materials science and engineering is the study of "condensed matter" (that is, solids and liquids), and how an understanding of materials can be applied to fabricating devices and structures of utility. A relatively young discipline, materials science is an outgrowth of two traditional areas: the study of matter (and its structure-property relationship) that originated in chemistry and physics, and developments in various "materials" engineering fields (notably, microelectronics, metallurgy, ceramics, and plastics). More generally, materials scientists and materials engineers explore the inter-dependence of how a material is processed, its structure, and its properties, and how these impact material performance.

Two comprehensive majors are offered: Materials Science and Engineering, and Materials Science. Both majors are designed to give students a strong foundation in fundamental sciences and mathematics.

Department Honors in Materials Science
Eligibility – All students majoring in Materials Science (any emphasis) or Materials Science and Engineering are invited to apply. Students should have a resident GPA and an overall GPA of 3.50 or higher. Student should also have a GPA of 3.50 or higher in their Materials Science or MS&E major, and meet the Program’s “High Impact” experience requirements (described below).

Application Procedure and Requirements – Submit an application form (available in the Program office) after completing four semesters at UW-EC, but no later than the students’ graduation semester (e.g., during the Spring semester for a May graduate). A Materials Science faculty member familiar with the student’s work (i.e., the students’ faculty advisor, research advisor, etc.) must endorse the application. In addition to the GPA requirements listed above, students submit evidence to the supporting faculty member that at least two of the High Impact experiences have been completed:

1. a summer research experience off campus as part of a federal program (NSF, NIST, DoD, etc.)
2. an appropriate internship in Materials Science or related area
3. a Study Abroad experience or Domestic Intercultural Immersion experience
4. an off-campus presentation at a conference, a presentation to the Provost’s Honors Symposium, or an accepted presentation at the Materials Science Seminar Series
5. a faculty/student collaborative research project (that includes a presentation at CERCA)
6. a publication in a peer-reviewed journal

Faculty
Marcus McEllistrem, Academic Program Director
Douglas Dunham, Materials Science and Engineering Center Director
Liz Glogowski
Matt Jewell
Ying Ma

Professional Staff, MSEC:
Laurel McEllistrem
Anthony Wagner

Majors
- Comprehensive Major: Materials Science and Engineering - B.S. (p. 342)

Certificate
- Certificate: Materials Science (p. 348)

Materials Science and Engineering, Comprehensive Major
(Code 251-001)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation 1</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td></td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50) 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>2.00 average</td>
</tr>
</tbody>
</table>
Resident  
Major  
Minor  
Certificate  

University Residency Requirements (p. 50)  
Minimum total  
Senior year  
Major, Standard, upper division in residence  
Major, Comprehensive, upper division in residence  
Certificate  

Procedures Required for Graduation  
Obtain admission to the degree program and/or the College offering it.

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Applicability of Credits Toward Graduation  
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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### Liberal Education Core Requirements

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th><strong>Knowledge Goal</strong></th>
<th><strong>Skills Goal</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
College Degree Requirements
Bachelor of Science Degree (B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
(Code 251-001)

The Bachelor’s of Science in Materials Science and Engineering (MS&E) is a traditional engineering major, rigorously structured and grounded in science and math. Students in this major develop a strong foundation in mathematics, and the major emphasizes science themes more strongly than other engineering disciplines. As with all engineering degrees, the application of fundamental ideas through design is central to the major.

A minimum of 92 credits is required for the major and a minimum of 128 credits for the degree. Students, who typically begin their study as Pre-MS&E majors, must apply to be admitted to the MS&E major (application materials available at the Materials Science office). A minimum average GPA of 2.5 in “foundation” courses (CHEM 115 or CHEM 103 & CHEM 104 or CHEM 105 & CHEM 106 & CHEM 109, MATH 114 & MATH 215, MSE 120 & MSE 221, PHYS 231, and WRIT 114, WRIT 116, or WRIT 118) is required for admittance to the major; students should apply during registration in the spring semester of their sophomore year. In addition to core courses, students must complete two technical electives; electives can be selected from appropriate UW-EC, UW-River Falls, UW-Stout, or Chippewa Valley Technical College courses.

Core courses:

<table>
<thead>
<tr>
<th>MATERIALS SCIENCE</th>
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</thead>
<tbody>
<tr>
<td>MSE 120</td>
<td>Introduction to Engineering</td>
<td>2</td>
</tr>
<tr>
<td>MSE 221</td>
<td>Living in a Materials World</td>
<td>3</td>
</tr>
<tr>
<td>MSE 256</td>
<td>Introduction to Computer Aided Design</td>
<td>1</td>
</tr>
<tr>
<td>MSE 315</td>
<td>Materials Characterization</td>
<td>4</td>
</tr>
<tr>
<td>MSE 334</td>
<td>Soft Materials</td>
<td>4</td>
</tr>
<tr>
<td>MSE 350</td>
<td>Thermodynamics of Materials</td>
<td>4</td>
</tr>
<tr>
<td>MSE 357</td>
<td>Phase Transformation &amp; Kinetics</td>
<td>3</td>
</tr>
<tr>
<td>MSE 362</td>
<td>Microelectronic Materials Processing</td>
<td>2</td>
</tr>
<tr>
<td>MSE 367</td>
<td>Macroprocessing of Materials</td>
<td>3</td>
</tr>
<tr>
<td>MSE 368</td>
<td>Macroprocessing Materials Lab</td>
<td>2</td>
</tr>
<tr>
<td>MSE 372</td>
<td>Transport Phenomena</td>
<td>3</td>
</tr>
<tr>
<td>MSE 374</td>
<td>Physics of Solids</td>
<td>4</td>
</tr>
<tr>
<td>MSE 386</td>
<td>MS&amp;E Junior Seminar I 1</td>
<td>0.5</td>
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<tr>
<td>MSE 387</td>
<td>MS&amp;E Junior Seminar II 1</td>
<td>0.5</td>
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<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>MSE 451</td>
<td>Computational Materials Science</td>
<td>4</td>
</tr>
<tr>
<td>MSE 475</td>
<td>Nanomaterials</td>
<td>3</td>
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<tr>
<td>MSE 486</td>
<td>MS&amp;E Capstone I</td>
<td>2</td>
</tr>
<tr>
<td>MSE 487</td>
<td>MS&amp;E Capstone II</td>
<td>2</td>
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<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
<td>6</td>
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<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>General Chemistry I and General Chemistry II ²</td>
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<tr>
<td>CHEM 105 &amp; CHEM 106 &amp; CHEM 109</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory and General Chemistry II with Lab ²</td>
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<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
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<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
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<tr>
<td>MATH 312</td>
<td>Differential Equations and Linear Algebra</td>
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</tr>
<tr>
<td>MATH 345</td>
<td>Introduction to Probability and Mathematical Statistics</td>
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<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
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<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
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<tr>
<td>PHYS 255</td>
<td>Statics</td>
<td>3</td>
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<tr>
<td>Elective Courses, Choose from:</td>
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<td>UW-EC</td>
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<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
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<tr>
<td>CHEM 326</td>
<td>Organic Chemistry II with Laboratory</td>
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<tr>
<td>CHEM 352</td>
<td>Fundamentals of Biochemistry</td>
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<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td></td>
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<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
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<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
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<tr>
<td>CS 245</td>
<td>Advanced Programming and Data Structures</td>
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<tr>
<td>CS 252</td>
<td>Computer Systems</td>
<td></td>
</tr>
<tr>
<td>CS 330</td>
<td>Programming Languages</td>
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<tr>
<td>MATH 216</td>
<td>Calculus III</td>
<td></td>
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<tr>
<td>MATH 313</td>
<td>Digital Signal Processing</td>
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<tr>
<td>MATH 314</td>
<td>Discrete Mathematics</td>
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</tr>
<tr>
<td>MATH 315</td>
<td>Advanced Calculus I</td>
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<tr>
<td>MATH 316</td>
<td>Introduction to Real Analysis</td>
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<tr>
<td>MATH 317</td>
<td>Introduction to Real Analysis II</td>
<td></td>
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<tr>
<td>MATH 318</td>
<td>Introduction to Complex Variables</td>
<td></td>
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<tr>
<td>MATH 324</td>
<td>Linear Algebra</td>
<td></td>
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<tr>
<td>MATH 351</td>
<td>Numerical Analysis I</td>
<td></td>
</tr>
<tr>
<td>MATH 352</td>
<td>Numerical Analysis II</td>
<td></td>
</tr>
<tr>
<td>MATH 354</td>
<td>Introduction to Mathematical Modeling</td>
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<tr>
<td>MATH 355</td>
<td>Linear Programming</td>
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<tr>
<td>MATH 358</td>
<td>Introduction to Optimization</td>
<td></td>
</tr>
<tr>
<td>MATH 440</td>
<td>Digital Image Processing</td>
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<tr>
<td>MATH 441</td>
<td>Linear Regression Analysis, with Time Series</td>
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<tr>
<td>MATH 443</td>
<td>Experimental Design and Analysis</td>
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<tr>
<td>MSCI 395</td>
<td>Directed Studies</td>
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<tr>
<td>MSCI 399</td>
<td>Independent Study - Juniors</td>
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<tr>
<td>MSCI 499</td>
<td>Independent Study - Seniors</td>
<td></td>
</tr>
<tr>
<td>MSE 363</td>
<td>Microelectronic Materials Processing Lab</td>
<td></td>
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<tr>
<td>MSE 493</td>
<td>Collaborative Internship</td>
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<tr>
<td>MSE 494</td>
<td>Off-campus Materials Science Internship</td>
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<tr>
<td>PHYS 340</td>
<td>Optics</td>
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<tr>
<td>PHYS 350</td>
<td>Electric and Electronic Circuits</td>
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<tr>
<td>PHYS 356</td>
<td>Dynamics</td>
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<td>PHYS 360</td>
<td>Electronics</td>
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<tr>
<td>PHYS 361</td>
<td>LabVIEW Basics</td>
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<tr>
<td>PHYS 362</td>
<td>LabVIEW Applications</td>
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</tr>
</tbody>
</table>

A maximum of three credits from MSCI 395, MSCI 399, MSCI 499, MSE 493, and MSE 494 may count toward the engineering electives. Consult your Materials Science and Engineering advisor for elective options from other institutions.

Notes:
1. Students must be admitted to the MS&E major to take these courses.
2. Only 6 credits apply to the major.

Materials Science, Comprehensive Major

Liberal Arts (Code 250-010)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹ 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) ²

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
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<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1  Certain programs exceed this minimum.
2  See special requirements in each College.

### Applicability of Credits Toward Graduation

#### Junior College or Two-Year College Credits
A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

#### Extension Credits
Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

#### WTCS Credits
A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

#### USAFI Credit
UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

#### Activity Credit (band, chorus, drama, KINS 100-184 courses)
Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

#### Other Restricted Credits
For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
<td>no maximum</td>
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<tr>
<td></td>
<td>maximum 12 credits</td>
<td>maximum 12 credits</td>
<td>Maximum ¼ of total</td>
</tr>
<tr>
<td></td>
<td>maximum 2 courses</td>
<td>maximum 4 credits</td>
<td>Maximum ¼ of total</td>
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<td></td>
<td>maximum ½ of total</td>
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</tbody>
</table>

#### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

A minimum of 36 credits

#### Knowledge Goal

- Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
  - Two (2) learning experiences
- Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
  - Two (2) learning experiences
- Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
  - Two (2) learning experiences
- Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
  - One (1) learning experience

#### Skills Goal

- Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)
  - Two (2) learning experiences
- Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)
  - One (1) learning experience
- Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)
  - One (1) learning experience

#### Liberal Education Core "Supporting" Requirements

- One S1 must meet the University Writing Requirement (p. 49)
- One S2 to meet the University Mathematics Requirement (p. 50)
- One S3 to meet the University Creative Expression Requirement (p. 51)
Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/)
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
Liberal Arts (Code 250-010)
The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

The degree is comprised of a minimum of 62 credits, including completion of core courses, at least six credits from courses in the Materials Science electives, and at least six credits in a chosen emphasis. Credits applied toward the electives and emphasis must be unique credits.

CORE COURSES
Materials Science
MSE 221 Living in a Materials World 3
MSE 315 Materials Characterization 4
MSE 334 Soft Materials 4
MSE 350 Thermodynamics of Materials 4
MSE 357 Phase Transformation & Kinetics 3
MSCI 384 Materials Science Junior Seminar I 0.5
MSCI 385 Materials Science Junior Seminar II 0.5
MSCI 484 Materials Science Capstone I 1
MSCI 485 Materials Science Capstone II 2
Chemistry
CHEM 115 Chemical Principles 6
or
CHEM 103 General Chemistry I 8
& CHEM 104 and General Chemistry II 1
or
CHEM 105 General Chemistry I Lecture 9
& CHEM 106 and General Chemistry I Laboratory 1
& CHEM 109 and General Chemistry II with Lab 1
CHEM 325 Organic Chemistry I with Laboratory 4
Mathematics
MATH 114 Calculus I 4
MATH 215 Calculus II 4

Physics
PHYS 231 University Physics I 5
PHYS 232 University Physics II 5

ELECTIVE COURSES
MSE 256 Introduction to Computer Aided Design 1
MSE 362 Microelectronic Materials Processing 2
MSE 363 Microelectronic Materials Processing Lab 2
MSE 367 Macroprocessing of Materials 3
MSE 368 Macroprocessing Materials Lab 2
MSE 372 Transport Phenomena 3
MSE 374 Physics of Solids 4
MSE 451 Computational Materials Science 4
MSE 475 Nanomaterials 3
MSE 493 Collaborative Internship 1-3
MSE 494 Off-campus Materials Science Internship 1-3
MSCI 395 Directed Studies 1-3
MSCI 399 Independent Study - Juniors 1-3
MSCI 499 Independent Study - Seniors 1-3

1 Only six credits apply to major.

NOTES:
1. A maximum of three credits total from MSCI 395, MSCI 399, and MSCI 499 and MSE 493 and MSE 494 may be applied toward the Electives category.
2. MATH 312 is recommended for students planning to attend graduate school.

EMPHASIS REQUIREMENTS
Core courses plus six credits from the Elective courses plus six credits in an Emphasis. All six emphasis credits must meet the requirements described in either A or B below.

A. Defined emphasis

- Be from the same prefix
- Be from the following prefixes: BIOL, CHEM, CS, GEOl, MATH, MGMT, PHYS
- Be from UWEC courses numbered 300 or above, or from courses appropriate for a major, such as: BIOL 221, BIOL 222, BIOL 223, CHEM 213, CHEM 218, CS 145, CS 148, CS 163, CS 170, CS 245, CS 252, GEOl 106, GEOl 110, GEOl 115, GEOl 118, and MATH 216

B. Distributed emphasis

The student may pursue an emphasis that reflects a thematic area of concentration and intentional connections. Such an emphasis, with approval of the faculty advisor, must draw from courses appropriate for a major in another area distinct from Materials Science or Materials Science and Engineering.

Materials Science, Certificate
(Code 250-601)

The Certificate in Materials Science is designed to give students and professionals core technical knowledge and lab skills in materials science to enhance another degree.

A minimum of 15 credits, including:

MSE 221 Living in a Materials World 3
MSE 256 Introduction to Computer Aided Design 1
MSE 315 Materials Characterization 4
MSE 357 Phase Transformation & Kinetics 3
MSE 334 Soft Materials 4-5
or MSE 367 & MSE 368 Macroprocessing of Materials and Macroprocessing Materials Lab

Mathematics

Hibbard Humanities Hall 508
715-836-3301
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/mathematics)

Mathematics has formed an important part of our intellectual heritage for centuries. In addition to having its own aesthetic value, it pervades a growing number of human endeavors. Mathematics is applied in fields as diverse as business, engineering, the physical and life sciences, the social sciences, computer science, and the fine arts. Society therefore expects of its members ever increasing mathematical knowledge and skill.

The mathematics curriculum is designed to address these needs. It provides a core of fundamental mathematics as well as a variety of electives for individuals with specific interests. Students may select programs to prepare for careers in applied mathematics, science, actuarial science, research, mathematics education, or for graduate study. Regardless of emphasis, the programs prepare students for their immediate career objectives and provide a background that will enable them to cope with changing career needs and goals.

Information for All Students

1. All entering freshmen and transfer students must take the mathematics placement test.
2. A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.
3. It is strongly recommended that a grade of C or above is achieved in any mathematics course that is to be used as a prerequisite to another course.

Department Honors in Mathematics

The Honors Program in mathematics is intended for mathematics majors—including actuarial science, mathematics education, and liberal arts majors—who have demonstrated excellence in their coursework, and who want to experience the mathematical community outside the classroom. The high impact practices required for department honors in mathematics align with such experiences.

- Eligibility: Mathematics majors who have a resident and total GPA of 3.50 or higher, and have completed at least 12 hours of mathematics courses with a GPA of 3.50 or higher.
Application: An application (which is available in the mathematics department office) must be submitted to the department chair with a letter of support from a mathematics faculty member. The application should be submitted during the junior year.

Requirements: Graduate with a 3.50 GPA or higher in the major, and submit evidence to the department chair that two of the following have been satisfactorily completed:

1. A faculty/student collaborative mathematics research project
2. Score of 176 or above on the ETS Mathematics Content Knowledge assessment (Praxis II)
3. An off-campus mathematics presentation at a conference
4. Participation in a state, regional or national competition in Actuarial Science
5. Passing grade on two professional exams given by the Society of Actuaries or Casualty Actuarial Society
6. A mathematics related internship
7. Acceptance of a mathematics publication in a peer-reviewed journal.

Faculty
Alexander Smith, Chair
Chris Ahrendt
Mohammad Aziz
Charles Bingen
Danielle Brake
Abra Brisbin
Christopher Davis
Herschel Day
Colleen Duffy
Marc Goulet
Jennifer Harrison
Ryan Harrison
Christopher Hlas
Marie-Claire Koissi
Jessica Kraker
Dandrielle Lewis
aBa Mbirika
Carolyn Otto
Michael Penkava
Kristopher Presler
Feroz Siddique
Andrew Swanson
Wufeng Tian
Simei Tong
Melissa Troudt
Shanise Walker
Mckenzie West
Vicki Whitlede

Minors
- Minor: Mathematics, Liberal Arts (p. 361)
- Minor: Mathematics, Actuarial Science (p. 351)
- Minor: Mathematics, Teaching (p. 361)
- Minor: Mathematics, Middle Childhood/Early Adolescence, Teaching (p. 361)

Actuarial Science, Comprehensive Major

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

| Minimum total for graduation | 120 |
| Upper division credits (courses numbered 300 and higher) | 39 |
| Liberal Education Core (p. 46) | 36 |
| Academic Concentrations (p. 50) | |

Grade Point Requirements (p. 50)

| Total | 2.00 average |
| Resident | 2.00 average |
| Major | 2.00 average |
| Minor | 2.00 average |
| Certificate | 2.00 average |

University Residency Requirements (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Certain programs exceed this minimum.

See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.
**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/pssp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for and other types of credits.

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

**Activity credit (band, chorus, drama, KINS 100-184)**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total KINS 100-184</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
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</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/.correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

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**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/">http://catalog.uwec.edu/undergraduate/attribute-ddiv/</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/">http://catalog.uwec.edu/undergraduate/attribute-ddiv/</a>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td></td>
</tr>
</tbody>
</table>

**Integration Goal**

| Integration Goal | Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |

**Service-Learning Goal**
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 182-001)

This major prepares students for actuarial careers. Actuaries are business professionals who use mathematical models to evaluate the current financial impact of future contingent events. Actuaries work in a variety of settings including insurance companies, public accounting firms, government agencies, banks, and consulting firms.

Entry Requirements: To be admitted to this major students must:

1. Complete at least 15 credits of courses required for the major with a GPA in those courses of at least 3.0.

2. Complete MATH 346 and MATH 350 with a grade of B- or better, or earn a passing grade on the corresponding actuarial professional exam(s)

A minimum of 64 semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Introduction to the Actuarial Career</td>
<td>1</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 216</td>
<td>Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 346</td>
<td>Introduction to Probability</td>
<td>4</td>
</tr>
<tr>
<td>MATH 347</td>
<td>Mathematical Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 350</td>
<td>Introduction to Financial Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 441</td>
<td>Linear Regression Analysis, with Time Series</td>
<td>3-4</td>
</tr>
<tr>
<td>MATH 450</td>
<td>Foundations of Actuarial Science</td>
<td>4</td>
</tr>
<tr>
<td>MATH 432</td>
<td>Differential Equations and Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 434</td>
<td>Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or ECON 303</td>
<td>Intermediate Microeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or ECON 304</td>
<td>Intermediate Macroeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>MATH 460</td>
<td>Contingent Payment Analysis</td>
<td></td>
</tr>
<tr>
<td>MATH 470</td>
<td>Mathematical Models for Financial Economics</td>
<td></td>
</tr>
<tr>
<td>MATH 475</td>
<td>Actuarial Foundations of Short-Term Coverages</td>
<td></td>
</tr>
</tbody>
</table>

Mathematics, Actuarial Science, Minor

(Code 180-406)
Twenty-four semester credits, including:

- MATH 114 Calculus I 4
- MATH 215 Calculus II 4
- MATH 216 Calculus III 4
- MATH 346 Introduction to Probability 4
- MATH 347 Mathematical Statistics 4
- MATH 350 Introduction to Financial Mathematics 4

Total Credits 24

MATH 450, MATH 460, and MATH 470, though not required, may be taken with department permission. This minor is intended to provide students with actuarial skills useful in business areas such as insurance and financial services. The coursework will prepare the student for at least two actuarial professional examinations.

**Mathematics, Comprehensive Major - Teaching**

**Teaching (Code 180-002)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

- Minimum total for graduation 1 120
- Upper division credits (courses numbered 300 and higher) 39
- Liberal Education Core (p. 46) 36
- Academic Concentrations (p. 50)

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Total Requirements</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

- Minimum total 30
- Senior year 23
- Major, Standard, upper division in residence 12
- Major, Comprehensive, upper division in residence 21

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-1184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-1184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

**Credit Restrictions**

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<tr>
<th>Credit Restrictions</th>
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<tbody>
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<td>Satisfactory/Unsatisfactory</td>
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</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
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<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
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<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
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<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
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</tbody>
</table>
Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
Two (2) learning experiences
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
Two (2) learning experiences
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)
Two (2) learning experiences
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)
One (1) learning experience
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)
One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)
Two (2) learning experiences
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)
One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Skills Goal</th>
<th>Responsibility Goal</th>
<th>Integration Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2 (Social Sciences)</td>
<td>PSYC 260</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Teaching Licensure Requirements - EA-A Licensure
Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A
Early Adolescence through Adolescence Licensure
Professional Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
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</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
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</table>

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Biology</td>
<td>080-403</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-406</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td>no addtl exam</td>
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<tr>
<td>Economics</td>
<td>360-404</td>
<td>ES 356</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-408</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>French</td>
<td>260-404</td>
<td>ES 366 (F) in language</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Geography</td>
<td>140-413</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Geology</td>
<td>160-402</td>
<td>ES 360 (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>280-404</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
</tbody>
</table>
History 380-404 ES 356 (SP) ECON 103, BIOL 180 or GEOG 178 ETS 5081
Learning Disabilities 950-471 ETS 5146
Mathematics 180-407 ES 357 ETS 5161
Physics 230-403 ES 360 (F) BIOL 180 or GEOG 178 ETS 5435
Political Science 420-403 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081
Sociology 480-404 ES 356 ECON 103, BIOL 180 or GEOG 178 ETS 5081
Spanish 320-405 ES 366 (F) Study abroad in language WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL) 550-408 ES 405 (F) 1 yr college level foreign language ETS 5362

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements
Admission to Professional Education Programs (p. 508)

Major Requirements
Teaching (Code 180-002)

Sixty semester credits, including:
MATH 114 Calculus I 4
MATH 215 Calculus II 4
MATH 216 Calculus III 4
MATH 324 Linear Algebra 4
MATH 330 Modern Geometry 4
MATH 345 Introduction to Probability and Mathematical Statistics 4
MATH 425 Abstract Algebra I 3

Required mathematics courses:
MATH 373 Issues in Secondary Mathematics 4
MATH 451 Teaching Mathematics with Technology 4

Remaining credits to be chosen from MATH 297 (at most one credit counts for major), and mathematics courses numbered above MATH 305

Required education courses:
ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings 2
PSYC 260 Educational Psychology 3

Professional sequence:
ES 312 General Methods of Teaching 2
ES 317 Middle Level Methods and Curriculum 2
ES 318 Teacher Assisting 1
ES 328 Content Area Reading and Study Strategies 2
ES 357 Teaching Mathematics in Grades 5-12 2

Elective education courses choose two:
CSD 150 Introduction to Communication Sciences and Disorders
ES 415 Assessment and Evaluation in Grades 1-12
PSYC 332 Psychology of Adolescence
SPED 306 Behavior Management

1 MATH 347 may be substituted for MATH 345.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

Mathematics, Liberal Arts Emphasis, Major

Liberal Arts (Code 180-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50) 2

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.
Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOMER.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major, Standard maximum 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive maximum 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Credit by Examination Total degree credit maximum ¼ of total Major or minor maximum ½ of total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Two-Year College Credits Total degree credit maximum 72 credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity credit (band, chorus, drama, KINS 100-184) Total KINS 100-184 maximum 1 credit Total Band, chorus, drama maximum 12 credits</td>
<td></td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Other extension/correspondence maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI Credit**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Maximum 32 credits</th>
</tr>
</thead>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13</a>)</td>
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</tbody>
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<thead>
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<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>) Two (2) learning experiences</th>
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<tr>
<td></td>
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<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>) One (1) learning experience</td>
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<td></td>
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<td></td>
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</tr>
</tbody>
</table>
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 180-201)

A minimum of 36 credits from mathematics courses must be earned as described below.

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>4</td>
</tr>
<tr>
<td>MATH 216</td>
<td>4</td>
</tr>
<tr>
<td>MATH 324</td>
<td>4</td>
</tr>
<tr>
<td>MATH 425</td>
<td>3</td>
</tr>
<tr>
<td>MATH 317</td>
<td>3</td>
</tr>
<tr>
<td>MATH 426</td>
<td>11</td>
</tr>
<tr>
<td>Total Credits</td>
<td>36</td>
</tr>
</tbody>
</table>

Three credits required, not counted toward credits in major, from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 250</td>
<td>Symbolic Logic</td>
</tr>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
</tr>
<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
</tr>
<tr>
<td>Another computer science course approved by the Mathematics Department</td>
<td></td>
</tr>
</tbody>
</table>

The liberal arts emphasis is the traditional mathematics major, providing preparation for graduate school as well as a broad range of careers in business, government, and industry. Because of the variety of courses available, students are strongly encouraged to consult a mathematics advisor early and frequently while pursuing this emphasis.

Mathematics, Major - Teaching

Teaching (Code 180-207)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation

120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM/EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 72 credits</td>
<td></td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total KINS 100-184</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 1 credit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total Band, chorus, drama</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12 credits</td>
<td></td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12 credits</td>
<td>no maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Other extension/correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum ¼ of total</td>
<td></td>
</tr>
</tbody>
</table>

USAFI

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 32 credits</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1) Natural Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2) Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 1 (K1) Natural Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1) Natural Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 2 (K2) Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 2 (K2) Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 3 (K3) Critical Thinking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 3 (K3) Critical Thinking</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 4 (K4) Personal and Social Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 4 (K4) Personal and Social Responsibility</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 5 (K5) Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 5 (K5) Communication</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 6 (K6) Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 6 (K6) Information Technology</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 7 (K7) Decision Making</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 7 (K7) Decision Making</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 8 (K8) Interpersonal Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 8 (K8) Interpersonal Relationships</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 9 (K9) Career Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 9 (K9) Career Development</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 10 (K10) Informational Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 10 (K10) Informational Health</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Knowledge Outcome 11 (K11) Physical Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 11 (K11) Physical Health</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>
**Knowledge Outcome 3 (K3): Humanities**
Two (2) learning experiences

**Knowledge Outcome 4 (K4): Fine Arts**
One (1) learning experience

**Skills Goal**

**Skills Outcome 1 (S1): Written and Oral Communication**
Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

**Skills Outcome 2 (S2): Mathematics**
One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

**Skills Outcome 3 (S3): Creativity**
One (1) learning experience

**Responsibility Goal**

**Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity**
Two (2) learning experiences

One R1 must satisfy Design for Diversity

**Responsibility Outcome 2 (R2): Global Perspectives**
One (1) learning experience

**Responsibility Outcome 3 (R3): Civic and Environmental Issues**
One (1) learning experience

**Integration Goal**

**Integration Outcome 1 (I1): Integration**
Two (2) learning experiences

**Service-Learning Goal**

**Service-Learning**
30 hours

---

**College Degree Requirements**

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

   | Resident | 2.75 average |
   | Total    | 2.75 average |
   | Major    | 2.75 average |
   | Minor (for certification only) | 2.75 average |

---

3. Residency requirements:

| Minimum Total | 30 credits |
| Senior Year   | 23 credits |
| Major in upper division courses | 12 credits |
| Comprehensive Major in upper division courses | 21 credits |

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.

5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

**Early Adolescence Through Adolescence and Early Childhood through Adolescence**
(formerly Secondary Education and Special Subjects)

**Liberal Education Requirements are listed in the table below**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
</tr>
</tbody>
</table>

AND another learning experience

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
</tr>
</tbody>
</table>

AND another learning experience

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
</tr>
</tbody>
</table>

AND another learning experience

**Teaching Licensure Requirements - EA-A Licensure**

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.


**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td></td>
</tr>
</tbody>
</table>

**Approved Majors and Minors for Option B**

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics- Mathematics</td>
<td></td>
<td></td>
<td></td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Physics Emphasis</td>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Mathematics Emphasis</td>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
</tbody>
</table>
Admission Requirements
Admission to Professional Education Programs (p. 508)

Major Requirements
Teaching (Code 180-207)

<table>
<thead>
<tr>
<th>Thirty-six semester credits, including:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114  Calculus I 4</td>
</tr>
<tr>
<td>MATH 215  Calculus II 4</td>
</tr>
<tr>
<td>MATH 216  Calculus III 4</td>
</tr>
<tr>
<td>MATH 324  Linear Algebra 4</td>
</tr>
<tr>
<td>MATH 330  Modern Geometry 4</td>
</tr>
<tr>
<td>MATH 345  Introduction to Probability and Mathematical Statistics 4</td>
</tr>
<tr>
<td>MATH 425  Abstract Algebra I 3</td>
</tr>
</tbody>
</table>

Additional credits to be chosen from mathematics courses numbered above 305

**Technology requirement for licensure:**

| MATH 451  Teaching Mathematics with Technology |
| OR |
| CS 170  Computing for the Sciences and Mathematics |

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

1. MATH 347 may be substituted for MATH 345.
2. CS 170 does not count toward the 36 credits required for the mathematics major.

Mathematics, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 180-408)

A minimum of 24 semester credits, including:

| MATH 114  Calculus I 4 |
| MATH 201  Number and Operations I 2 |
| MATH 202  Number and Operations II 2 |
| MATH 303  Probability and Statistics in Grades 1-8 2 |
| MATH 304  Geometry in Grades 1-8 2 |
| MATH 322  Abstract Algebra for Elementary Teachers 4 |

Additional courses may be chosen from the following:

| MATH 215  Calculus II 4 |
| MATH 216  Calculus III 4 |
| MATH 246  Elementary Statistics 1 4 |
| MATH 297  Developmental Tutoring Techniques 2 1 |

OR mathematics courses numbered above 305.

Remaining credits to be chosen from mathematics courses numbered above 305

NOTE: At least one course in a computer programming language is recommended.
This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Mathematics in Middle Childhood through Early Adolescence classrooms.

1 MATH 345 may be substituted for MATH 246 if MATH 215 is chosen.
2 At most, one credit counts for minor.

Mathematics, Research Emphasis, Comprehensive Major

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate
will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

**Knowledge Goal**

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

**Skills Goal**

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DOIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)
**Major Requirements**

**Liberal Arts (Code 180-003)**

A minimum of sixty semester credits, including:

**Mathematics Core**
- MATH 114 Calculus I
- MATH 215 Calculus II
- MATH 216 Calculus III
- MATH 316 Introduction to Real Analysis
- MATH 317 Introduction to Real Analysis II
- MATH 324 Linear Algebra
- MATH 425 Abstract Algebra I

**Research requirement**
- MATH 380 Research Methods
- MATH 480 Research Seminar (taken twice)

**Depth requirement**
Choose one:
- MATH 426 Abstract Algebra II
- or MATH 441 Linear Regression Analysis, with Time Series

**Elective mathematics courses**
12-13

Remaining credits to be chosen from:
- Math courses numbered above 305

**CS/logic requirement**
3

Choose one:
- CS 145 Programming for New Programmers
- CS 163 Introduction to Programming in C++
- CS 170 Computing for the Sciences and Mathematics
- PHIL 250 Symbolic Logic
- or another CS course with approval of the department

**Speech requirement**
3

- CJ 202 Fundamentals of Speech

**Applications of mathematics requirement**
6

Minimum 6 credits in a sequence selected from:
- BIOL 221 & BIOL 222 Foundations of Biology I and Foundations of Biology II
- CHEM 115 Chemical Principles
- CHEM 103 & CHEM 104 General Chemistry I and General Chemistry II
- CHEM 105 & CHEM 106 & CHEM 109 General Chemistry I Lecture and General Chemistry I Laboratory and General Chemistry II with Lab
- CS 245 & CS 335 Advanced Programming and Data Structures and Algorithms
- ECON 103 & ECON 104 Principles of Microeconomics and Principles of Macroeconomics
- PHYS 231 & PHYS 232 University Physics I and University Physics II
- or another sequence approved by the department

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**Mathematics, Statistics and Applied Mathematics Emphasis, Major**

**Liberal Arts (Code 180-209)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**
Minimum total for graduation

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>

**Academic Concentrations (p. 50)**

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**
Minimum total: 30

- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21
- Certificate: 25 percent of credits

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency.
as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 180-209)**

A minimum of 36 credits from mathematics courses must be earned as described below.

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Elective Requirements**

At least ten credits from the following, four credits of which must be from MATH 312 or MATH 347:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 307</td>
<td>Mathematics and Music</td>
<td></td>
</tr>
<tr>
<td>MATH 312</td>
<td>Differential Equations and Linear Algebra</td>
<td></td>
</tr>
<tr>
<td>MATH 313</td>
<td>Digital Signal Processing</td>
<td></td>
</tr>
<tr>
<td>MATH 318</td>
<td>Introduction to Complex Variables</td>
<td></td>
</tr>
<tr>
<td>MATH 345</td>
<td>Introduction to Probability and Mathematical Statistics</td>
<td></td>
</tr>
<tr>
<td>MATH 346</td>
<td>Introduction to Probability</td>
<td></td>
</tr>
<tr>
<td>MATH 347</td>
<td>Mathematical Statistics</td>
<td></td>
</tr>
<tr>
<td>MATH 351</td>
<td>Numerical Analysis I</td>
<td></td>
</tr>
<tr>
<td>MATH 352</td>
<td>Numerical Analysis II</td>
<td></td>
</tr>
<tr>
<td>MATH 354</td>
<td>Introduction to Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td>MATH/PHYS 440</td>
<td>Digital Image Processing</td>
<td></td>
</tr>
<tr>
<td>MATH 441</td>
<td>Linear Regression Analysis, with Time Series</td>
<td></td>
</tr>
<tr>
<td>MATH 443</td>
<td>Experimental Design and Analysis</td>
<td></td>
</tr>
<tr>
<td>MATH 445</td>
<td>Survey Sampling</td>
<td></td>
</tr>
<tr>
<td>MATH 447</td>
<td>Nonparametric Statistics</td>
<td></td>
</tr>
</tbody>
</table>

Three credits required, not counted toward credits in major, from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 250</td>
<td>Symbolic Logic</td>
<td></td>
</tr>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td></td>
</tr>
<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
<td></td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
<td></td>
</tr>
</tbody>
</table>

Another computer science course approved by the Mathematics Department

The statistics and applied mathematics emphasis is appropriate for students interested in either scientific or engineering applications of mathematics, careers in business, industry or statistics, data science, or graduate work in areas such as engineering, operations research, optimization, or statistics. For those students focusing on applied mathematics, MATH 312 is strongly recommended. For those students focusing on statistics, MATH 347 is strongly recommended. Because of the variety of courses available, students are encouraged to consult a mathematics advisor early and frequently while pursuing this emphasis.

**Music and Theatre Arts**

Haas Fine Arts 156
715-836-4954
Honor Societies and Student Organizations

There are eight nationally-affiliated music student organizations at UW-Eau Claire, including student chapters of National Association for Music Education, American Choral Directors Association, American String Teachers Association, National Association of Teachers of Singing, National Band Association Collegiate Chapter, United States Institute for Technical Theatre, and American Music Therapy Association for Students; the professional fraternities Phi Mu Alpha-Sinfonia and Sigma Alpha Iota; and the honor society Pi Kappa Lambda.

The performing arts enjoy an enviable reputation at UW-Eau Claire. Outstanding student and faculty performances in music, theatre, and dance; innovative classroom experiences; and active outreach are hallmarks of the Department of Music and Theatre Arts.

Music

Throughout history the study of music has been held to be one of the noblest pursuits of humanity. Music integrates and develops an understanding of our intellect, our emotions, and our senses. As such, it is both a personal and universal art.

All baccalaureate degrees in music emphasize the development of skills, concepts, and sensitivity essential to the professional life of the musician. Whether a professional performer, teacher, or composer, the musician must function as one who exhibits not only technical competence but also a broad knowledge of music and music literature, sensitivity in musical style, and an insight into the role and effect of music in society. Courses for the general university student provide an environment which promotes a broad intellectual and cultural appreciation of music.

The Department offers the Bachelor of Arts or Science degree in liberal arts—music; liberal arts—theatre arts, including a musical theatre emphasis; Bachelor of Music Education degrees leading to teacher licensure; and Bachelor of Music degrees in applied music and composition. A liberal arts minor is offered in music and theatre arts. The department also offers three certificates: Arts Administration, Dance Activities, and Recording Arts.

The University of Wisconsin-Eau Claire is an accredited institutional member of the National Association of Schools of Music.

General Requirements—Music Majors and Minors

Academic Preparation

Students planning to major in music should have experience playing an instrument in their high school band or orchestra, singing in a high school choral ensemble, or should have studied an instrument (e.g., piano) privately for a significant period of time. It is expected that prospective music majors be able to read music and sight-sing in at least one clef. Although not mandatory, private study in voice or an instrument will be very beneficial in preparation for college study in music; it offers significant advantages in terms of enhancing individual performance technique and provides exposure to standard music literature. Ability to play piano—even at a rudimentary level—and read both treble and bass clefs is a desirable attribute for any music major. In addition, it is helpful for students to have taken high school theory and/or music appreciation courses.

Admission

Applicants must apply to the University before completing audition requirements.

All applicants for admission to degree programs in music must satisfactorily complete an audition in a performance area. Students with any piano playing experience are asked to take a placement examination in piano (when piano is not a major instrument). Applicants to the B.M.E. degree must audition in wind, string, percussion, piano, or voice. Minimum repertoire standards for all performance areas are available from the department’s Web site at www.uwec.edu/mus-the (http://uwec.edu/mus-the).

Scholarships are available to a limited number of applicants who demonstrate superior musical ability. An application for the audition and placement constitutes an application for a department scholarship, and no separate form is required. Applicants recommended for scholarship assistance will be notified after the audition.

The Department of Music and Theatre Arts adheres to the code of ethics of the National Association of Schools of Music (NASM). The acceptance of financial aid by an applicant is considered a declaration of intent to attend the institution; after May 1, the applicant may not consider any other offer from an NASM member institution without the written consent of the first institution. Similarly, a transfer applicant from a senior college or university cannot be considered for a scholarship without the recommendation of the institution from which the transfer is being made.

Graduation Requirements

Keyboard Placements. All entering freshmen and transfer students with piano experience who do not have piano as a major instrument take a piano placement examination which determines the level of class piano (MUSI 106 or MUSI 108) in which they will be enrolled to prepare for the piano proficiency examination. If the placement test indicates a sufficiently high level of ability, the student may be directed to applied piano (MUSI 151). A keyboard placement resulting in a higher-numbered keyboard course, i.e., MUSI 108 or MUSI 151, does not constitute credit by examination for a lower-numbered course. Credit by examination is not available for MUSI 104, MUSI 106, MUSI 108, MUSI 278, or MUSI 378.

The Piano Proficiency Examination must be passed

1. prior to enrollment in MUSI 350 for all music majors or MUED 310 if student is a Music Education major and/or
2. one year prior to admission to the professional semester for students working toward teaching licensure (B.M.E. programs) and/or
3. prior to graduation in any music major/minor program. It is offered only during the Fall and Spring Semester final examination periods. The Piano Proficiency Examination tests performance in major and minor scales, arpeggi, sight-reading, harmonization, transposition, and memorization.

Satisfactory/Unsatisfactory Policy. No music course may be taken under the Satisfactory/Unsatisfactory option.

Audit Policy. Applied lessons may not be taken for audit.

Special Student Status. High school students may enroll with permission of the instructor for courses in the Department of Music and Theatre Arts during the Special Student Registration. Because of demand for some courses and limitations on enrollment, degree students will be given priority. Credits earned as high school special students will be reviewed for acceptance into degree programs after official admission to the university and department. Credit review procedure is the same as that for transfer students. Enrollment in graduate music courses under the special student admission status is not allowed except in workshops or by consent of the instructor.
NOTE: A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.

Bachelor of Music

Major applied lessons carry credits as follows: one 30-minute private lesson per week for one credit; one hour lesson per week for two, three, or four credits. The number of applied credits per semester indicates the minimum number of practice hours per day.

All applied B.M. students may present a half recital in the junior year and must present a full recital in the senior year. Recital requirements apply to the following comprehensive music majors:
- Applied Instrumental (Code 060-041)
- Applied Voice (Code 060-042)
- Composition (Code 060-048)

Theatre Arts and Dance

The arts of theatre—acting, directing, playwriting, design, literature, and costuming—enable us to explore the experiences of humans and the universe. Theatre Artists study human ideas, values, relationships, obsessions, and accomplishments. Practical experimentation and practice of the arts of the theatre increases our ability to present human experiences to audiences for both entertainment and enlightenment.

Theatre Arts programs offer students training in various aspects of theatre including technical theatre, acting, directing, dance, dramatic literature, playwriting, and arts management.

Departmental Honors in Music and Theatre Arts

Eligibility

Upper-class music and theatre arts majors with resident and transfer GPAs of 3.50 or higher and a 3.50 or higher in the major are eligible for participation in the departmental honors program. Participants whose cumulative and/or major GPA falls below 3.50 can still graduate with honors as long as his/her GPA increases to 3.50 before graduation.

Procedure for Admission

A written application, available in the department office, is submitted for approval by the Departmental Honors Committee no later than the third week of classes of the junior year. Transfer students entering UW-Eau Claire with junior status must apply no later than the end of the third week of classes.

Requirements for Graduation with Departmental Honors

1. Complete all degree requirements for the major in music or theatre arts with a cumulative and major program GPA of 3.50 or higher.
2. Complete three honors course projects attached to courses that represent three different honors course categories. Approval of the course instructor and Honors Committee is required and a description of the honors work to be done must be submitted to the committee by the end of the third week of classes. A report must be filed with the committee three weeks before final examination week.
3. Complete an honors paper supporting a senior project or performance under the direction of a department faculty member (e.g., historical, theoretical, pedagogical research; criticism; playwriting; composition; scenic or costume design; directing; solo recital; major acting/operatic role). The paper is defended orally to a faculty jury consisting of its faculty director and two members of the Honors Committee. A copy of the paper is filed with the committee.

Faculty

Gretchen Peters, Chair

Music:
Robert Baca
Diana Cataldi
Jeffery Crowell
Lori Cruciani
Julie DeBoer
Randal C. Dickerson
Gary Don
Laura Dunbar
Christa Garvey
Molly Gebrian
Jacob Grewe
Charles Hodgson
Chia-Yu Hsu
Trent Jacobs
Ryan Jones
Elizabeth Joosten
Namji Kim
Tim Lane
Mark Mowry
Phillip Ostrander
Kenneth Pereira
Nicholas Phillips
Lee Anna Rasar
Tulio Rondón
Joshua Schwalbach
Michael Shults
John Stewart
Frank Watkins
William Whipple
Nobuyoshi Yasuda

Theatre Arts and Dance:
Ariella Brown
Jennifer Chapman
Arthur Grothe
Erin Hisey
Richard Nimke
Amanda Profaizer
James Zwicky

Majors

- Comprehensive Major: Music, Instrumental and General Music Teaching - B.M.E. (p. 382)
- Comprehensive Major: Music, Choral and General Music Teaching - B.M.E. (p. 375)
- Comprehensive Major: Music, Applied Instrumental - B.M. (p. 370)
- Comprehensive Major: Music, Applied Voice - B.M. (p. 373)
- Comprehensive Major: Music, Composition - B.M. (p. 379)
- Major, Music, Liberal Arts - B.A./B.S. (p. 386)
- Comprehensive Major: Theatre Arts, Liberal Arts - B.A./B.S. (p. 390)
- Comprehensive Major: Theatre Arts, Musical Theatre (p. 395) - B.A./B.S.
- Major: Theatre Arts, Liberal Arts - B.A./B.S. (p. 392)
Minors

- Minor: Music, Liberal Arts (p. 389)
- Minor: Theatre Arts, Liberal Arts (p. 395)

Certificates

- Certificate: Arts Administration (p. 369)
- Certificate: Dance Activities (p. 370)
- Certificate: Recording Arts (p. 389)

Arts Administration, Certificate
(Code 060-602)

The Certificate in Arts Administration provides students with a core body of knowledge and skills to effectively manage community or institutionally based arts organizations and provides a foundation for continued study in arts administration. Emphasis is placed on management and communication skills useful to administrators of arts enterprises. The 18-credit program includes elective courses, a capstone seminar, and a one-semester internship.

Eighteen semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 410</td>
<td>Fine Arts Administration Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Three credits from one of the following internship courses:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 498</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>CJ 498</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>MUSI 498</td>
<td>Music Internship</td>
<td></td>
</tr>
<tr>
<td>THEA 498</td>
<td>Theatre Arts Internship</td>
<td></td>
</tr>
<tr>
<td>MGMT 398</td>
<td>Internship Program I</td>
<td></td>
</tr>
<tr>
<td>MKTG 398</td>
<td>Internship Program I</td>
<td></td>
</tr>
<tr>
<td>Twelve credits from at least two different department areas (see stipulations below)</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 18

1 The internship must be in arts administration with clear learning outcomes appropriate to the discipline.

A combined total of 12 credits from at least two different departmental areas below, with the following stipulations: 1) Courses used to complete major requirements do not count toward completion of the certificate. 2) Students with an arts major (Art, Art History, Music, or Theatre) are required to choose from below a minimum of nine credits from non-arts department areas (Accounting, Business Administration, Business Communication, Communication and Journalism, History, Management, and Marketing) and a minimum of three credits from arts department areas outside of the student’s major. 3) Students with majors outside of the arts are required to choose from below a minimum of nine credits from arts department areas (Art History, Dance, Music, and Theatre) and a minimum of three credits from non-arts department areas outside of the student’s major.

Art History Area

Any ARTH course

Dance Area

DNCE 101 Dance Appreciation 3

Music Area

MUSI 110 Music Appreciation 3
MUSI 111 Global Roots of Music in the United States 3
MUSI 112 History of Rock and Pop (summer only) 3
MUSI 114 Evolution of Jazz 3
MUSI 224 Music and Gender 3
MUSI 225 Global Traditions in Music 3
MUSI 307 Music in the United States 3
IDIS 174 Social Justice in the Humanities (when taught by music faculty) 3

Theatre Area

THEA 101 Theatre Appreciation 3
THEA 121 Introduction to Technical Theatre 3
THEA 125 Introduction to Theatre History 3
THEA 221 Introduction to Design 3
THEA 271 Stage Management 3
THEA 325 Theatre History and Literature 3
THEA 335 Drama in Education 3
THEA 336 Theatre for Youth 3
THEA 421 Touring Theatre 3
THEA 434 Theatre Arts Management 3

Accounting Area

ACCT 201 Introduction to Accounting 3

Business Administration Area

BSAD 105 Essentials of Accounting 2
BSAD 115 Essentials of Human Resource Management 2
BSAD 125 Essentials of Marketing 2
BSAD 130 Essentials of Management 2
BSAD 135 Essentials of Business Communication 2
BSAD 140 Essentials of Information Systems 2
BSAD 155 Essentials of Leadership 2
BSAD 305 Legal and Regulatory Environment 2
BSAD 306 Business Law 3

Business Communication Area

BCOM 206 Business Writing 2
BCOM 207 Business Presentations 2
BCOM 306 Advanced Business Writing 2
BCOM 307 Advanced Business Presentations 2
BCOM 405 Advanced Business Communications 2

Communication and Journalism Area

CJ 184 Multimedia Communication 3
CJ 201 Introduction to Interpersonal Communication 3
CJ 202 Fundamentals of Speech 3
CJ 205 Listening 3
CJ 250 Introduction to Organizational Communication 3
CJ 260 Introduction to Integrated Strategic Communication 3
CJ 307 Small Group Communication 3
CJ 318 Topics in Communication and Social Advocacy 3
CJ 351 Strategic Event Planning 3
CJ 355 Advanced Organizational Communication: Strategic Message Design 3
Dance Activities, Certificate
(Code 605-601)

The Dance Activities Certificate Program is open to any student with a passion for dance and looking to gain knowledge of common forms of dance, including ballet, tap, jazz, and modern. This program focuses on studio dance experiences that will prepare graduates for a variety of careers in dance and performing arts.

Thirteen credits minimum, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNCE 101</td>
<td>Dance Appreciation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Practice courses (8 credits)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>DNCE 110 Ballet I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 112 Modern Dance I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 114 Jazz Dance I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 116 Tap Dance I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 310 Ballet II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 312 Modern Dance II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 314 Jazz Dance II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DNCE 316 Tap Dance II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One course elective (minimum two credits):</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KINS 294 Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>THEA 121 Introduction to Technical Theatre</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 130 Beginning Acting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 239 Stage Movement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSI 110 Music Appreciation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSI 225 Global Traditions in Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUSI 307 Music in the United States</td>
<td></td>
</tr>
</tbody>
</table>

Note: Courses cannot be counted in both the major and the certificate program.

Music, Applied Instrumental, Comprehensive Major
(Code 060-041)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120

Upper division credits (courses numbered 300 and higher) 39
be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
<tr>
<td><strong>Two-Year College Credits</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
</tr>
<tr>
<td><strong>Extension credits</strong></td>
</tr>
<tr>
<td>UW-System</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
</tr>
<tr>
<td><strong>USAFI</strong></td>
</tr>
<tr>
<td>USAFI</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Learning Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge Goal</strong></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
</tr>
<tr>
<td><strong>Skills Goal</strong></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity</td>
</tr>
<tr>
<td><strong>Responsibility Goal</strong></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues</td>
</tr>
<tr>
<td><strong>Integration Goal</strong></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration</td>
</tr>
<tr>
<td><strong>Service-Learning Goal</strong></td>
</tr>
<tr>
<td>Service-Learning</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Music**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is
required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements
(Code 060-041)

Seventy-four semester credits, including:

Theory 16
MUSI 141 Theory Written I
& MUSI 142 and Theory Aural I
MUSI 146 Theory Written II
& MUSI 147 and Theory Aural II
MUSI 246 Theory Written III
& MUSI 247 and Theory Aural III
MUSI 248 Theory Written IV
MUSI 249 Theory Aural IV

History/Literature 12
MUSI 227 Music History & Society I
MUSI 229 Music History & Society II
MUSI 305 Analyzing Global Traditions in Music
MUSI 404 Music History Seminar

Applied Instrument/Literature/Pedagogy 30
Wind/Brass/Percussion/Strings--
Two credits for first semester; four credits per semester for seven semesters, four semesters at 300-level

Piano--
Three credits of applied lessons for eight semesters, four semesters at 300-level, plus
MUSI 315 Piano Pedagogy
MUSI 481 Piano Literature

Senior Recital
MUSI 497 Senior Recital 2

Conducting
MUSI 350 Conducting 2

<table>
<thead>
<tr>
<th>Ensembles - ten credits minimum, one credit required in every semester of classes.</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind/Brass/Percussion --</td>
<td></td>
</tr>
<tr>
<td>Four credits from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 180/380 Symphony Band</td>
<td></td>
</tr>
<tr>
<td>MUSI 181/381 Wind Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 184/384 University Orchestra</td>
<td></td>
</tr>
<tr>
<td>Two semesters, two credits unconduted ensemble from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 256/456 Brass Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 257/457 Woodwind Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 258/458 Percussion Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 259/459 Jazz Combo</td>
<td></td>
</tr>
<tr>
<td>MUSI 260/460 Contemporary Music Ensemble</td>
<td></td>
</tr>
<tr>
<td>One semester, one credit from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 260/460 Contemporary Music Ensemble</td>
<td></td>
</tr>
<tr>
<td>Three credits of elective ensembles from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 180/380 Symphony Band</td>
<td></td>
</tr>
<tr>
<td>MUSI 181/381 Wind Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 183 Marching Band</td>
<td></td>
</tr>
<tr>
<td>MUSI 184/384 University Orchestra</td>
<td></td>
</tr>
<tr>
<td>MUSI 186/386 Jazz Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 256/456 Brass Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 257/457 Woodwind Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 258/458 Percussion Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 259/459 Jazz Combo</td>
<td></td>
</tr>
<tr>
<td>MUSI 260/460 Contemporary Music Ensemble</td>
<td></td>
</tr>
<tr>
<td>One credit unconduted ensemble from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 255/455 String Ensemble</td>
<td></td>
</tr>
<tr>
<td>MUSI 259/459 Jazz Combo</td>
<td></td>
</tr>
<tr>
<td>MUSI 260/460 Contemporary Music Ensemble</td>
<td></td>
</tr>
<tr>
<td>Piano--</td>
<td></td>
</tr>
<tr>
<td>Three credits from:</td>
<td></td>
</tr>
<tr>
<td>MUSI 268/468 Piano Ensemble</td>
<td></td>
</tr>
<tr>
<td>Seven credits from any other ensemble, in consultation with applied instructor</td>
<td></td>
</tr>
</tbody>
</table>

Electives in Music
Select from the following: 2
MUSI 150 Beginning Composition
MUSI 170 Applied Music-Composition
MUSI 276 Keyboard Accompanying
MUSI 325 Orchestration
MUSI 335 Counterpoint
MUSI 407 Music Theory Seminar
Second Applied Instrument

Piano Proficiency - passed prior to graduation

Total Credits 74

1 A minimum of one semester in orchestra is required for those who play orchestral instruments.

NOTES:
1) MUSI 404 (3 crs) may be used as an elective with advisor approval when topic differs from initial enrollment.
2) No music course may be taken under the Satisfactory/Unsatisfactory option.

Music, Applied Voice, Comprehensive Major
(Code 060-042)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Concentrations (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td></td>
</tr>
<tr>
<td>Extension credits</td>
<td></td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
</tbody>
</table>
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

<table>
<thead>
<tr>
<th>LIBERAL EDUCATION CORE REQUIREMENTS</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Skills Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Responsibility Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

**College Degree Requirements**

**Bachelor of Music**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Music Degree in the College of Arts and Sciences (B.M.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**

(Code 060-042)
Seventy-nine semester credits, including:

**Theory**
- MUSI 141 Theory Written I
- MUSI 142 and Theory Aural I
- MUSI 146 Theory Written II
- MUSI 147 and Theory Aural II
- MUSI 246 Theory Written III
- MUSI 247 and Theory Aural III
- MUSI 248 Theory Written IV
- MUSI 249 Theory Aural IV

**History/Literature**
- MUSI 227 Music History & Society I
- MUSI 229 Music History & Society II
- MUSI 305 Analyzing Global Traditions in Music
- MUSI 404 Music History Seminar
- MUSI 472 Voice Literature

**Applied Voice, eight semesters, four semesters at 300 level**
- MUSI 153/353 Applied Music-Voice

**Applied Piano**
- MUSI 151 Applied Music-Piano (two semesters, two credits)
- MUSI 378 Advanced Functional Piano (one semester)

**Senior Recital**
- MUSI 497 Senior Recital

**Voice Pedagogy**
- MUSI 345 Voice Pedagogy

**Singers’ Diction**
- MUSI 347 Singers’ Diction: Italian and German
- MUSI 348 Singers’ Diction: English and French

**Conducting**
- MUSI 350 Conducting

**Ensembles -- Eight credits minimum, one credit required in every semester of classes.**
- Four credits from:
  - MUSI 188/388 Concert Choir
  - MUSI 190/390 Symphonic Choir
  - MUSI 191/391 Men’s Glee Club (The Statesmen)
  - MUSI 192/392 Women’s Concert Chorale
- Two credits from:
  - MUSI 280/480 Opera/Music Theatre Workshop
  - MUSI 461 Voice Ensemble

**Supporting Courses**
- THEA 130 Beginning Acting
- At least two credits selected from the following:
  - DNCE 110 Ballet I
  - DNCE 112 Modern Dance I
  - MUSI 397 Junior Recital
  - MUSI 470 Opera Literature
  - MUSI 480 Opera/Music Theatre Workshop
  - THEA 239 Stage Movement
  - THEA 330 Advanced Acting
  - THEA 331 Styles in Acting

**Piano Proficiency - passed prior to graduation**

**Total Credits**
- 79

1 Minimum of two semesters from MUSI 190/390.

**Other Requirements**

Language proficiency at the 102 level in French, German, or Italian.

NOTE: No music course may be taken under the Satisfactory/Unsatisfactory option.

**Music, Choral and General Music, Comprehensive Major - Teaching**

**Teaching (Code 060-058)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACACLAUREATE DEGREE**

**Credit Requirements**
- Minimum total for graduation 1 120
- Upper division credits (courses numbered 300 and higher) 39
- Liberal Education Core (p. 46) 36

**Academic Concentrations (p. 50)**

**Grade Point Requirements** (p. 50) 2
- Total 2.00 average
- Resident 2.00 average
- Major 2.00 average
- Minor 2.00 average
- Certificate 2.00 average

**University Residency Requirements** (p. 50)
- Minimum total 30
- Senior year 23
- Major, Standard, upper division in residence 12
- Major, Comprehensive, upper division in residence 21

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/ppsp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit</th>
<th>maximum 12</th>
<th>Major, Standard</th>
<th>maximum 1 course</th>
<th>Major, Comprehensive</th>
<th>maximum 2 courses</th>
<th>Credit by Examination</th>
<th>Total degree credit</th>
<th>maximum ¼ of total</th>
<th>Major or minor</th>
<th>maximum ½ of total</th>
<th>Two-Year College Credits</th>
<th>Total degree credit</th>
<th>maximum 72 credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
<th>Total Band, chorus, drama</th>
<th>maximum 12 credits</th>
</tr>
</thead>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497</td>
<td>Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
</tbody>
</table>

AND another learning experience

I1 (Integration)
ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

Teaching Licensure Requirements - EC-A Licensure
Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A
Early Childhood through Adolescence Licensure
Professional Sequence

| ES 212 | Initial Teaching Experience in Elementary, Middle, and High School Settings | 2 |
| ES 312 | General Methods of Teaching | 2 |
| ES 317 | Middle Level Methods and Curriculum | 2 |
| ES 318 | Teacher Assisting | 1 |
| ES 328 | Content Area Reading and Study Strategies | 2 |
| ES 385 | Social Foundations: Human Relations | 3 |
| ES 490 | Historical, Legal, and Philosophical Foundations of Education | 3 |
| ES 497 | Field Experience Seminar | 2 |
| SPED 300 | Inclusive Practices for Secondary Educators | 2 |

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

| ES 441 | Student Teaching in Elementary Education | 6 |
| AND |
| ES 445 | Student Teaching in Middle Level Education | 6 |
| or ES 470 | Student Teaching in Secondary Education |
| or |
| ES 440 | Internship Teaching in Elementary Education | 6-12 |
| or |
ES 446 Internship Teaching in Middle Level Education 6-12
or
ES 475 Internship Teaching in Secondary Education 6-12

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

<table>
<thead>
<tr>
<th>Comprehensive Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General 060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
<td></td>
</tr>
<tr>
<td>Music, Choral/General 060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
<td></td>
</tr>
<tr>
<td>Kinesiology 991-065</td>
<td>KINS 290</td>
<td>ETS 5091</td>
<td></td>
</tr>
</tbody>
</table>

Admission Requirements

Admission to Professional Education Programs (p. 508)

Major Requirements

Music, Choral and General Music, Comprehensive Major - Bachelor of Music Education

Sixty-two semester credits, including:

**Theory** 16

MUSI 141 & MUSI 142 Theory Written I and Theory Aural I
MUSI 146 & MUSI 147 Theory Written II and Theory Aural II
MUSI 246 & MUSI 247 Theory Written III and Theory Aural III
MUSI 248 Theory Written IV
MUSI 249 Theory Aural IV

**History/Literature** 12

MUSI 227 Music History & Society I 3
MUSI 229 Music History & Society II 3
MUSI 305 Analyzing Global Traditions in Music 3
MUSI 404 Music History Seminar 3

**Applied Music (Voice or Piano emphasis)**

Voice Emphasis

MUSI 153 Applied Music-Voice (four semesters, four credits)
MUSI 151 Applied Music-Piano (two semester, two credits)
MUSI 353 Advanced Applied Music-Voice (three semesters, three credits)
MUSI 378 Advanced Functional Piano (one semester, one credit)

Piano Emphasis

MUSI 151 Applied Music-Piano (four semesters, four credits)
MUSI 351 Advanced Applied Music-Piano (three semesters, three credits)
MUSI 153 Applied Music-Voice (four semesters, four credits)

**Conducting**

MUSI 350 Conducting 2
MUED 400 Choral Literature and Conducting 3

**Pedagogy**

MUSI 345 Voice Pedagogy 3

**Recital** 1

One credit from:

MUSI 297 Sophomore Recital
MUSI 397 Junior Recital
MUSI 497 Senior Recital
Ensembles

Seven credits minimum, one credit required every semester of classes except during the professional semester.

Minimum of one credit from:
MUSI 190/390 Symphonic Choir

Minimum of two credits from:
MUSI 191/391 Men’s Glee Club (The Statesmen)
MUSI 192/392 Women’s Concert Chorale

Minimum of two credits from:
MUSI 388 Concert Choir
MUSI 390 Symphonic Choir

Minimum of one credit from:
MUSI 262/462 Chamber Choir

One credit elective ensemble from:
MUSI 188/388 Concert Choir
MUSI 190/390 Symphonic Choir
MUSI 191/391 Men’s Glee Club (The Statesmen)
MUSI 192/392 Women’s Concert Chorale
MUSI 260/460 Contemporary Music Ensemble
MUSI 262/462 Chamber Choir
MUSI 280/480 Opera/Music Theatre Workshop
MUSI 461 Voice Ensemble

The two semesters immediately prior to the professional semester must be from the following:
MUSI 388 Concert Choir
MUSI 390 Symphonic Choir
MUSI 391 Men’s Glee Club (The Statesmen)
MUSI 392 Women’s Concert Chorale
MUSI 262/462 Chamber Choir

Music Methods

MUED 211 Introduction to Music Education 1
MUED 300 Adaptive Music 2
MUED 310 Principles, Practices, and Practicum in General Music PreK-5 2
MUED 318 Music as Content in Schools 2
MUED 410 Secondary Choral Teaching Methods 3

Piano Proficiency - passed prior to enrollment in MUED 310

Other Requirements

Professional Education

University Requirements for Teacher Education Programs (see College of Education and Human Sciences).

This major is restricted to students in the College of Education and Human Sciences; Education Studies: Option C and leads to licensure to teach Choral Music and General Music in Early Childhood through Adolescence classrooms.

Music, Composition, Comprehensive Major

(Code 060-048)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Item</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation 1</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Item</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total                                             30
Senior year                                               23
Major, Standard, upper division in residence              12
Major, Comprehensive, upper division in residence         21
Certificate                                               25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).
Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Satisfactory/Unsatisfactory</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Total degree credit</th>
<th>maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Total degree credit</th>
<th>maximum 72 credits</th>
</tr>
</thead>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>UW-System</th>
<th>no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

USAFAI

| USAFI | maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major.
The resident and total GPAs for the minor and certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Music Degree in the College of Arts and Sciences (B.M.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Major Requirements**

(Code 060-048)

All students majoring in composition must earn a grade of at least C in each theory and each composition course.

**Seventy-seven semester credits, including:**

Theory 24

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSI 141</td>
<td>Theory Written I &amp; Theory Aural I</td>
</tr>
<tr>
<td>MUSI 146</td>
<td>Theory Written II &amp; Theory Aural II</td>
</tr>
<tr>
<td>MUSI 246</td>
<td>Theory Written III &amp; Theory Aural III</td>
</tr>
<tr>
<td>MUSI 248</td>
<td>Theory Written IV</td>
</tr>
<tr>
<td>MUSI 249</td>
<td>Theory Aural IV</td>
</tr>
<tr>
<td>MUSI 309</td>
<td>Electronic Music</td>
</tr>
<tr>
<td>MUSI 325</td>
<td>Orchestration</td>
</tr>
<tr>
<td>MUSI 335</td>
<td>Counterpoint</td>
</tr>
<tr>
<td>MUSI 407</td>
<td>Music Theory Seminar</td>
</tr>
</tbody>
</table>

History/Literature 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSI 227</td>
<td>Music History &amp; Society I</td>
</tr>
<tr>
<td>MUSI 229</td>
<td>Music History &amp; Society II</td>
</tr>
<tr>
<td>MUSI 305</td>
<td>Analyzing Global Traditions in Music</td>
</tr>
<tr>
<td>MUSI 404</td>
<td>Music History Seminar</td>
</tr>
</tbody>
</table>

Electives in Music 5

Piano Proficiency - passed prior to graduation

Total Credits 77

1 Students who wish to take a full eight semesters of applied lessons may do so, at the discretion of the studio teacher, by applying music elective credits toward applied study.

**Other Requirements**

Freshman and transfer students interested in majoring in composition are strongly urged to present a composition portfolio to a member of the composition faculty before registering for any composition course. No possible credit for composition at another institution will be awarded before the end of the first semester of study at UW-Eau Claire.
NOTE: No music course may be taken under the Satisfactory/Unsatisfactory option.

**Music, Instrumental and General Music Teaching, Comprehensive Major**

Teaching (Code 060-057)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit maximum 1/4 of total</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 maximum 1 credit</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>Single course band, chorus, drama maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>Other extension/ correspondence maximum 1/4 of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.
LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)
One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)
Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)
One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)
One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)
Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)
30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2 (Social Sciences)</td>
<td>PSYC 260 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Licensure Requirements - EC-A Licensure
Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through
adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option C: EC-A**

**Early Childhood through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

**Student Teaching Courses from list below:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>or ES 470</td>
<td>Student Teaching in Secondary Education</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>or ES 440</td>
<td>Internship Teaching in Elementary Education</td>
<td>6-12</td>
<td></td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td>6-12</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td>6-12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General</td>
<td>060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>991-065</td>
<td>KINS 290</td>
<td>ETS 5091</td>
</tr>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Physical Education</td>
<td>991-459</td>
<td>Only with KINS major</td>
<td>No add'l exam</td>
</tr>
<tr>
<td>French</td>
<td>260-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>German</td>
<td>280-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-407</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
</tr>
<tr>
<td>TESOL</td>
<td>550-410</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
</tr>
</tbody>
</table>

**NOTE 1:** Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

**Approved Majors and Minors for Option C**

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music, Instrumental/General</td>
<td>060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Instrumental/General</td>
<td>060-057</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>060-058</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>991-065</td>
<td>KINS 290</td>
<td>ETS 5091</td>
</tr>
</tbody>
</table>

**NOTE 3:** Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

**Admission Requirements**

Admission to Professional Education Programs (p. 508)

**Major Requirements**

Teaching (Code 060-057)
Sixty-one semester credits, including:

**Theory** 16
- MUSI 141 Theory Written I
- & MUSI 142 Theory Aural I
- MUSI 146 Theory Written II
- & MUSI 147 Theory Aural II
- MUSI 246 Theory Written III
- & MUSI 247 Theory Aural III
- MUSI 248 Theory Written IV
- MUSI 249 Theory Aural IV

**History/Literature** 12
- MUSI 227 Music History & Society I 3
- MUSI 229 Music History & Society II 3
- MUSI 305 Analyzing Global Traditions in Music 3
- MUSI 404 Music History Seminar 3

**Applied Music (Select an Emphasis):**

- Wind, String, Percussion Emphasis—Major Instrument 7
  - Four semesters, four credits from MUSI 154 - MUSI 169;
  - three semesters, three credits from MUSI 354 - MUSI 369

  **Piano Emphasis - Piano** 8
  - Four semesters, four credits MUSI 151; three semesters,
    three credits MUSI 351; and one credit from MUSI 154 - MUSI 169

  **Conducting** 4
  - MUSI 350 Conducting
  - MUED 401 Instrumental Literature and Conducting

  **Techniques** 5
  - MUSI 196 String Techniques
  - MUSI 198 Percussion Techniques
  - MUSI 202 Brass Techniques
  - MUSI 208 Woodwind Techniques
  - MUSI 210 Woodwind Techniques

  **Recital** 1
  - One credit from:
    - MUSI 297 Sophomore Recital
    - MUSI 397 Junior Recital
    - MUSI 497 Senior Recital

**ENSEMBLES**

**Woodwind/Brass/Percussion:**

- Eight credits minimum, one credit required every semester of classes except during the professional semester. 8

  **Minimum of four credits from:**
  - MUSI 180/380 Symphony Band
  - MUSI 181/381 Wind Ensemble
  - MUSI 184/384 University Orchestra

  **Minimum of two credits from:**
  - MUSI 183 Marching Band

  **Minimum of one credit from:**
  - MUSI 186/386 Jazz Ensemble

  **Minimum of one credit from:**

  - MUSI 256/456 Brass Ensemble
  - MUSI 257/457 Woodwind Ensemble
  - MUSI 258/458 Percussion Ensemble
  - MUSI 259/459 Jazz Combo
  - MUSI 260/460 Contemporary Music Ensemble
  - MUSI 268/468 Piano Ensemble

**The two semesters immediately prior to the professional semester must be from the following:**

- MUSI 180/380 Symphony Band
- MUSI 181/381 Wind Ensemble
- MUSI 184/384 University Orchestra

**Piano:**

- Eight credits minimum, one credit required every semester of classes except during the professional semester. 8

  **Minimum of four credits from:**
  - MUSI 180/380 Symphony Band
  - MUSI 181/381 Wind Ensemble
  - MUSI 182/382 University Band
  - MUSI 184/384 University Orchestra

  **Minimum of one credit from:**
  - MUSI 186/386 Jazz Ensemble

  **Minimum of one credit from:**
  - MUSI 256/456 Brass Ensemble
  - MUSI 257/457 Woodwind Ensemble
  - MUSI 258/458 Percussion Ensemble
  - MUSI 259/459 Jazz Combo
  - MUSI 260/460 Contemporary Music Ensemble
  - MUSI 268/468 Piano Ensemble

**Minimum of two credits (in addition to those required above):**

- MUSI 180/380 Symphony Band
- MUSI 181/381 Wind Ensemble
- MUSI 182/382 University Band
- MUSI 184/384 University Orchestra

**The two semesters immediately prior to the professional semester must be from the following:**

- MUSI 180/380 Symphony Band
- MUSI 181/381 Wind Ensemble
- MUSI 184/384 University Orchestra
- MUSI 186/386 Jazz Ensemble
- MUSI 256/456 Brass Ensemble
- MUSI 257/457 Woodwind Ensemble
- MUSI 258/458 Percussion Ensemble
- MUSI 259/459 Jazz Combo
- MUSI 260/460 Contemporary Music Ensemble
- MUSI 268/468 Piano Ensemble

**String:**

- Eight credits minimum, one credit required every semester of classes except during the professional semester. 8

  **Minimum of five credits:**
  - MUSI 184/384 University Orchestra

  **Minimum of one credit:**
  - MUSI 253/453 University Chamber Orchestra

  **Minimum of one credit from:**
The two semesters immediately prior to the professional semester must be from the following:
  MUSI 184/384 University Orchestra
  MUSI 318 Music as Content in Schools
  MUSI 411 Secondary Instrumental Teaching Methods

Piano Proficiency - passed prior to enrollment in MUSI 310

Other Requirements

Professional Education

University Requirements for Teacher Education Programs (see College of Education and Human Sciences).

Music, Major

Liberal Arts (Code 060-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
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<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
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<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Responsibility Goal

| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) | Two (2) learning experiences |
| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) | One (1) learning experience |
| Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) | One (1) learning experience |

Integration Goal

| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | Two (2) learning experiences |

Service-Learning Goal

| Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl) | 30 hours |

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors (if available) of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and a certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.
Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 060-201)

Forty-six semester credits, including:

<table>
<thead>
<tr>
<th>Theory</th>
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<tbody>
<tr>
<td>MUSI 141</td>
<td>Theory Written I</td>
</tr>
<tr>
<td>MUSI 142</td>
<td>Theory Written II</td>
</tr>
<tr>
<td>MUSI 146</td>
<td>Theory Written III</td>
</tr>
<tr>
<td>MUSI 246</td>
<td>Theory Written IV</td>
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<td>MUSI 249</td>
<td>Theory Written V</td>
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<tr>
<th>History/Literature</th>
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<tbody>
<tr>
<td>MUSI 227</td>
<td>Music History &amp; Society I</td>
</tr>
<tr>
<td>MUSI 229</td>
<td>Music History &amp; Society II</td>
</tr>
<tr>
<td>MUSI 305</td>
<td>Analyzing Global Traditions in Music</td>
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<td>MUSI 404</td>
<td>Music History Seminar</td>
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<table>
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<th>Applied Instrument</th>
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<tbody>
<tr>
<td>MUSI 151/351</td>
<td>Applied Music-Piano</td>
</tr>
<tr>
<td>MUSI 152/352</td>
<td>Applied Music-Organ</td>
</tr>
<tr>
<td>MUSI 153/353</td>
<td>Applied Music-Voice</td>
</tr>
<tr>
<td>MUSI 154/354</td>
<td>Applied Music-Violin</td>
</tr>
<tr>
<td>MUSI 155/355</td>
<td>Applied Music-Viola</td>
</tr>
<tr>
<td>MUSI 156/356</td>
<td>Applied Music-Cello</td>
</tr>
<tr>
<td>MUSI 157/357</td>
<td>Applied Music-Double Bass</td>
</tr>
<tr>
<td>MUSI 158/358</td>
<td>Applied Music-Flute</td>
</tr>
<tr>
<td>MUSI 159/359</td>
<td>Applied Music-Oboe</td>
</tr>
<tr>
<td>MUSI 160/360</td>
<td>Applied Music-Clarinet</td>
</tr>
<tr>
<td>MUSI 161/361</td>
<td>Applied Music-Bassoon</td>
</tr>
<tr>
<td>MUSI 162/362</td>
<td>Applied Music-Saxophone</td>
</tr>
<tr>
<td>MUSI 163/363</td>
<td>Applied Music-Trumpet/Cornet</td>
</tr>
<tr>
<td>MUSI 164/364</td>
<td>Applied Music-French Horn</td>
</tr>
<tr>
<td>MUSI 165/365</td>
<td>Applied Music-Trombone</td>
</tr>
<tr>
<td>MUSI 167/367</td>
<td>Applied Music-Euphonium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conducting</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MUSI 350</td>
<td>Conducting</td>
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</table>

Ensembles -- Eight credits minimum, one credit required in every semester of classes.

Two credits from:

| MUSI 180/380 | Symphony Band |
| MUSI 181/381 | Wind Ensemble |
| MUSI 184/384 | University Orchestra |
| MUSI 186/386 | Jazz Ensemble |
| MUSI 188/388 | Concert Choir |
| MUSI 190/390 | Symphonic Choir |
| MUSI 191/391 | Men's Glee Club (The Statesmen) |
| MUSI 192/392 | Women's Concert Chorale |

One credit unconducted ensemble from:

| MUSI 253/453 | University Chamber Orchestra |
| MUSI 255/455 | String Ensemble |
| MUSI 256/456 | Brass Ensemble |
| MUSI 257/457 | Woodwind Ensemble |
| MUSI 258/458 | Percussion Ensemble |
| MUSI 259/459 | Jazz Combo |
| MUSI 260/460 | Contemporary Music Ensemble |
| MUSI 262/462 | Chamber Choir |
| MUSI 265/465 | Vocal Jazz Ensemble |
| MUSI 268/468 | Piano Ensemble |

Five elective credits from:

| MUSI 180/380 | Symphony Band |
| MUSI 181/381 | Wind Ensemble |
| MUSI 182/382 | University Band |
| MUSI 183 | Marching Band |
| MUSI 186/386 | Jazz Ensemble |
| MUSI 188/388 | Concert Choir |
| MUSI 190/390 | Symphonic Choir |
| MUSI 191/391 | Men's Glee Club (The Statesmen) |
| MUSI 192/392 | Women's Concert Chorale |
| MUSI 253/453 | University Chamber Orchestra |
| MUSI 255/455 | String Ensemble |
| MUSI 256/456 | Brass Ensemble |
| MUSI 257/457 | Woodwind Ensemble |
| MUSI 258/458 | Percussion Ensemble |
| MUSI 259/459 | Jazz Combo |
| MUSI 260/460 | Contemporary Music Ensemble |
| MUSI 262/462 | Chamber Choir |
| MUSI 265/465 | Vocal Jazz Ensemble |
| MUSI 268/468 | Piano Ensemble |

Piano Proficiency - passed prior to graduation

Total Credits 46
Music, Minor

Liberal Arts (Code 060-401)

Twenty-four semester credits, including:

Theory
MUSI 141 Theory Written I 4
& MUSI 142 and Theory Aural I
MUSI 146 Theory Written II 4
& MUSI 147 and Theory Aural II

History/Literature
Minimum of two credits from:

MUSI 110 Music Appreciation 2
MUSI 111 Global Roots of Music in the United States
MUSI 112 History of Rock and Pop
MUSI 114 Evolution of Jazz
MUSI/WGSS 224 Music and Gender
MUSI 227 Music History & Society I
MUSI 307 Music in the United States
IDIS 174 Social Justice in the Humanities (when taught by a music faculty member)
MUSI 225 Global Traditions in Music

Applied Music
Four credits, four semesters from one instrument, excluding MUSI 170/MUSI 370

Ensembles -- Four semesters, four credits minimum.
Two credits from: 1

MUSI 180/380 Symphony Band
MUSI 181/381 Wind Ensemble
MUSI 184/384 University Orchestra
MUSI 186/386 Jazz Ensemble
MUSI 188/388 Concert Choir
MUSI 190/390 Symphonic Choir
MUSI 191/391 Men's Glee Club (The Statesmen)
MUSI 192/392 Women's Concert Chorale

One credit unconduted ensemble from: 1

MUSI 253/453 University Chamber Orchestra
MUSI 255/455 String Ensemble
MUSI 256/456 Brass Ensemble
MUSI 257/457 Woodwind Ensemble
MUSI 258/458 Percussion Ensemble
MUSI 259/459 Jazz Combo
MUSI 260/460 Contemporary Music Ensemble
MUSI 262/462 Chamber Choir
MUSI 265/465 Vocal Jazz Ensemble
MUSI 268/468 Piano Ensemble

One credit elective ensemble from any of the above options. 1

Music Electives
A minimum of four credits elected from any course with a MUSI prefix 2, 3

1 MUSI 182/MUSI 382 or MUSI 193/MUSI 393 may be used by permission.
2 MUSI 182/MUSI 382 and MUSI 193/MUSI 393 may be used only with approval, with a maximum of two credits from ensembles elected from MUSI 180/MUSI 380, MUSI 181/MUSI 381, MUSI 184/MUSI 384, MUSI 186/MUSI 386, MUSI 188/MUSI 388, MUSI 190/MUSI 390, MUSI 191/MUSI 391, MUSI 192/MUSI 392, MUSI 253/MUSI 453, MUSI 268/MUSI 468 or MUSI 280/MUSI 480, and a maximum of two credits from applied music for a minimum total of 24 credits.
3 With the exception of MUSI 100, 102, 103, 104, 106, 108, and 118, which do not count toward a music major or minor.

NOTES:
1) The piano proficiency is a requirement and must be passed prior to graduation.
2) No music course may be taken under the Satisfactory/Unsatisfactory option.

Recording Arts, Certificate

(Code 061-601)

The interdisciplinary curriculum of the Recording Arts Certificate addresses diverse interests in both sound and technology. It offers a foundation in musicianship, design, and recording technology, and opportunities for students to pursue specific interests in areas of composition, design, music history, physics of sound or business. The 18-credit program includes required and elective courses, and at least one internship. Applications are available through the Department of Music and Theatre Arts. Acceptance into the program may be limited due to available resources, internships, and needs of the program.

Eighteen semester credits, including:

Required:

MUSI 309 Electronic Music 2
MUSI 317 Sound Technology Principles 3
MUSI 498 Music Internship 3

Electives to be selected from the following:

BSAD 125 Essentials of Marketing
OR
BSAD 305 Legal and Regulatory Environment
OR
ACCT 201 Introduction to Accounting
CJ 241 Audio and Video Production Process
MATH 307 Mathematics and Music
MATH 313 Digital Signal Processing
MUSI 102 Fundamentals of Music
MUSI 150 Beginning Composition
MUSI 225 Global Traditions in Music
MUSI 325 Orchestration
PHYS 308 Science of Musical Sound
THEA 153 Light/Sound Shop Practicum
or THEA 353 Advanced Light/Sound Shop Practicum
THEA 221 Introduction to Design

Note: A maximum of three credits from the certificate can count to the major.
Theatre Arts, Comprehensive Major
Liberal Arts (Code 601-001)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE
Credit Requirements
Minimum total for graduation | 120
Upper division credits (courses numbered 300 and higher) | 39
Liberal Education Core (p. 46) | 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total | 2.00 average
Resident | 2.00 average
Major | 2.00 average
Minor | 2.00 average
Certificate | 2.00 average

University Residency Requirements (p. 50)
Minimum total | 30
Senior year | 23
Major, Standard, upper division in residence | 12
Major, Comprehensive, upper division in residence | 21
Certificate | 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits
Total degree credit maximum 72
Major or minor maximum ½ of total
Two-Year College Credits
Total degree credit maximum 72
Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension Credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements
a minimum of 36 credits
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**Knowledge Goal**

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)  Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)  Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)  Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)  One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)  Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)  One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  30 hours

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 112/LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 601-001)**

Sixty semester credits, including:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 121</td>
<td>Introduction to Technical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 125</td>
<td>Introduction to Theatre History</td>
<td>3</td>
</tr>
<tr>
<td>THEA 130</td>
<td>Beginning Acting</td>
<td>3</td>
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<tr>
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<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
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</tr>
<tr>
<td>THEA 151</td>
<td>Costume Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 152</td>
<td>Scenic Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 153</td>
<td>Light/Sound Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 221</td>
<td>Introduction to Design</td>
<td>3</td>
</tr>
<tr>
<td>THEA 224</td>
<td>Costume Technology</td>
<td>3</td>
</tr>
<tr>
<td>THEA 325</td>
<td>Theatre History and Literature</td>
<td>3</td>
</tr>
<tr>
<td>THEA 332</td>
<td>Directing</td>
<td>3</td>
</tr>
<tr>
<td>THEA 425</td>
<td>Modern Drama and Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following: 3
- THEA 123 Voice and Diction
- THEA 239 Stage Movement

Select one of the following: 3
- THEA 321 Scenic Design
- THEA 324 Costume Design
- THEA 327 Lighting Design

Select one of the following: 3
- THEA 271 Stage Management
- THEA 335 Drama in Education

Select one of the following: 3
- THEA 330 Advanced Acting
- THEA 414 Playwriting
- THEA 432 Advanced Directing

Minimum two credits chosen from: 2
- MUSI 118 Introduction to Singing
- Any DNCE course

Four different credits from: 4
- THEA 170 Acting-Minor Roles/Chorus
- THEA 171 Assistant Stage Manager
- THEA 172 Scenic Construction Crew
- THEA 173 Light/Sound Board Operator
- THEA 174 Costume Crew
- THEA 175 Stage/Properties Crew
- THEA 176 Makeup Crew
- THEA 177 Publicity Crew
- THEA 178 Electrics Crew
- THEA 179 Special Effects/Sound Facilitator
- THEA 351 Advanced Costume Shop Practicum
- THEA 352 Advanced Scenic Shop Practicum
- THEA 353 Advanced Light/Sound Shop Practicum
- THEA 370 Acting-Major Roles
- THEA 371 Stage Manager/Assistant Director/Assistant Choreographer
- THEA 372 Assistant Scenic Design/Assistant Technical Direction
- THEA 373 Assistant Lighting Design
- THEA 374 Assistant Costume Design/Shop Supervisor
- THEA 375 Properties Design
- THEA 376 Makeup Design
- THEA 377 Publicity/Program Design
- THEA 378 Master Electrician
- THEA 379 House Manager

Fifteen credits chosen from:
- THEA 123 Voice and Diction
- Any THEA course numbered 200 or above

### Theatre Arts, Major - Liberal Arts

#### Liberal Arts (Code 601-223)

### University Requirements

####Graduation Requirements for Baccalaureate Degree

<table>
<thead>
<tr>
<th>Credit Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
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<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

### Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
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<tr>
<td>Major</td>
<td>2.00 average</td>
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<tr>
<td>Minor</td>
<td>2.00 average</td>
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<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
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</table>

### University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
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<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

### Applicability of Credits Toward Graduation

####Junior College or Two-Year College Credits.
A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

####Extension Credits.
Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

####WTCS Credits.
A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer
Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td></td>
<td>Major, Standard maximum 1 course</td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>Total degree credit maximum ¼ of total</td>
</tr>
<tr>
<td></td>
<td>Major or minor maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 maximum 1 credit</td>
</tr>
<tr>
<td></td>
<td>Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td></td>
<td>Single course band, chorus, drama maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System no maximum</td>
</tr>
<tr>
<td></td>
<td>Other extension/correspondence maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI maximum 32 credits</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Skills Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Responsibility Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td><strong>Integration Goal</strong></td>
<td></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td><strong>Service-Learning Goal</strong></td>
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</tr>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-SL/#header13">http://catalog.uwec.edu/undergraduate/attribute-SL/#header13</a>)</td>
<td>30 hours</td>
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</tbody>
</table>
College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122/LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
Liberal Arts (Code 601-223)
Thirty-six semester credits, including:

- THEA 121 Introduction to Technical Theatre 3
- THEA 125 Introduction to Theatre History 3
- THEA 130 Beginning Acting 3
- THEA 151 Costume Shop Practicum 1
- THEA 152 Scenic Shop Practicum 1
- THEA 153 Light/Sound Shop Practicum 1
- THEA 221 Introduction to Design 3
- THEA 224 Costume Technology 3
- THEA 332 Directing 3
- THEA 425 Modern Drama and Theatre 3

Select one of the following:

- THEA 123 Voice and Diction 3
- THEA 239 Stage Movement 3

Select one of the following:

- THEA 321 Scenic Design 3
- THEA 324 Costume Design 3
- THEA 327 Lighting Design 3

Two different credits from:

- THEA 170 Acting-Minor Roles/Chorus 2
- THEA 171 Assistant Stage Manager 2
- THEA 172 Scenic Construction Crew 2
- THEA 173 Light/Sound Board Operator 2
- THEA 174 Costume Crew 2
- THEA 175 Stage/Properties Crew 2
- THEA 176 Makeup Crew 2
- THEA 177 Publicity Crew 2
- THEA 178 Electrics Crew 2
- THEA 179 Special Effects/Sound Facilitator 2

Two different credits from:

- THEA 370 Acting-Major Roles 2
- THEA 371 Stage Manager/Assistant Director/Assistant Choreographer 2
- THEA 372 Assistant Scenic Design/Assistant Technical Direction 2
- THEA 373 Assistant Lighting Design 2
- THEA 374 Assistant Costume Design/Shop Supervisor 2
- THEA 375 Properties Design 2
- THEA 376 Makeup Design 2
- THEA 377 Publicity/Program Design 2
- THEA 378 Master Electrician 2
- THEA 379 House Manager 2

Minimum two credits chosen from:

- Any THEA course 2
- Any DNCE course 2
- MUSI 118 Introduction to Singing 2

Total Credits 36
Theatre Arts, Minor - Liberal Arts

Liberal Arts (Code 601-422)

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 121</td>
<td>Introduction to Technical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 125</td>
<td>Introduction to Theatre History</td>
<td>3</td>
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<td>THEA 130</td>
<td>Beginning Acting</td>
<td>3</td>
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<tr>
<td>THEA 151</td>
<td>Costume Shop Practicum</td>
<td>1</td>
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<tr>
<td>THEA 152</td>
<td>Scenic Shop Practicum</td>
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<td>THEA 153</td>
<td>Light/Sound Shop Practicum</td>
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<td>THEA 221</td>
<td>Introduction to Design</td>
<td>3</td>
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<td>THEA 332</td>
<td>Directing</td>
<td>3</td>
</tr>
<tr>
<td>THEA 425</td>
<td>Modern Drama and Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

any three credit THEA course numbered 200 or above 3

Total Credits 24

Theatre Arts, Musical Theatre, Comprehensive Major

Liberal Arts (Code 601-002)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
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<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Minimum total</td>
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<tr>
<td>Senior year</td>
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<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
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<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
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<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
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</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

1 Certain programs exceed this minimum.
2 See special requirements in each College.
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)

One S1 must meet the University Writing Requirement (p. 49).

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)

Integration Outcome 2 (I2): Leadership (http://catalog.uwec.edu/undergraduate/attribute-i2)

Integration Outcome 3 (I3): Lifelong Learning (http://catalog.uwec.edu/undergraduate/attribute-i3)

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103)
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways:

1. Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114.
2. Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113.
3. Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 601-002)

Sixty credits including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 121</td>
<td>Introduction to Technical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 125</td>
<td>Introduction to Theatre History</td>
<td>3</td>
</tr>
<tr>
<td>THEA 130</td>
<td>Beginning Acting</td>
<td>3</td>
</tr>
<tr>
<td>THEA 151</td>
<td>Costume Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 152</td>
<td>Scenic Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 153</td>
<td>Light/Sound Shop Practicum</td>
<td>1</td>
</tr>
<tr>
<td>THEA 221</td>
<td>Introduction to Design</td>
<td>3</td>
</tr>
<tr>
<td>THEA 227</td>
<td>American Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 332</td>
<td>Directing</td>
<td>3</td>
</tr>
<tr>
<td>THEA 425</td>
<td>Modern Drama and Theatre</td>
<td>3</td>
</tr>
<tr>
<td>MUSI 141</td>
<td>Theory Written I</td>
<td>3</td>
</tr>
<tr>
<td>MUSI 142</td>
<td>Theory Aural I</td>
<td>1</td>
</tr>
<tr>
<td>MUSI 146</td>
<td>Theory Written II</td>
<td>3</td>
</tr>
<tr>
<td>MUSI 147</td>
<td>Theory Aural II</td>
<td>1</td>
</tr>
<tr>
<td>MUSI 153</td>
<td>Applied Music-Voice (4 semesters)</td>
<td>4</td>
</tr>
<tr>
<td>DNCE 110</td>
<td>Ballet I</td>
<td>2</td>
</tr>
<tr>
<td>DNCE 114</td>
<td>Jazz Dance I</td>
<td>2</td>
</tr>
<tr>
<td>DNCE 116</td>
<td>Tap Dance I</td>
<td>2</td>
</tr>
<tr>
<td>DNCE Electives</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

Three credits from:

- MUSI 280 Opera/Music Theatre Workshop
- MUSI 480 Opera/Music Theatre Workshop

One course selected from:

- THEA 123 Voice and Diction
- THEA 239 Stage Movement

One course selected from:

- THEA 321 Scenic Design
- THEA 324 Costume Design
- THEA 327 Lighting Design

One course selected from:

- THEA 330 Advanced Acting
- THEA 331 Styles in Acting

Two different credits from:

- THEA 170 Acting-Minor Roles/Chorus
- THEA 171 Assistant Stage Manager
- THEA 172 Scenic Construction Crew
- THEA 173 Light/Sound Board Operator

THEA 174 Costume Crew
THEA 175 Stage/Properties Crew
THEA 176 Makeup Crew
THEA 177 Publicity Crew
THEA 178 Electrics Crew
THEA 179 Special Effects/Sound Facilitator

Two different credits from:

- THEA 370 Acting-Major Roles
- THEA 371 Stage Manager/Assistant Director/Assistant Choreographer

- THEA 372 Assistant Scenic Design/Assistant Technical Direction
- THEA 373 Assistant Lighting Design
- THEA 374 Assistant Costume Design/Shop Supervisor

- THEA 375 Properties Design
- THEA 376 Makeup Design
- THEA 377 Publicity/Program Design
- THEA 378 Master Electrician
- THEA 379 House Manager

Piano proficiency - passed prior to graduation

Philosophy and Religious Studies

Hibbard Humanities Hall 632
715-836-2545

Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/philosophy-religious-studies)

Philosophy is the disciplined and critical inquiry into fundamental questions of human existence: What is the nature of reality? What is knowledge? Does God exist? Is my will free? What is the difference between right and wrong? What is the relation between the mind and the body? What is the meaning of life? Philosophers use reason and argument in the attempt to answer these questions. Philosophy is at the very heart of a liberal education. Students of philosophy learn to think critically and clearly, argue forcefully, and read carefully. They also learn how the history of philosophy has shaped modern thought and culture. A major in philosophy is excellent preparation for advanced study in a wide range of fields, including law. A minor in philosophy will enrich and complement any major field of study.

Religious Studies is the multi-disciplinary exploration of the phenomena of human experience commonly called “religious.” This includes study of the genesis and interpretation of religious texts; the formation, history, beliefs, and practices of religious communities and traditions; the role of religion in society and culture; issues in religion and science, including the psychology of religious experience; religion in literature and the arts; religious morality; philosophy of religion. The academic study of religion provides an excellent “window” into other cultures, while enhancing students’ understanding of their own society and its history. A degree in Religious Studies provides an excellent foundation for a wide range of careers, as well as preparing students for demanding graduate programs.

Student Organizations

Theta Alpha Kappa (Honor Society in Religious Studies)

Philosophy Club
Honors Program in Philosophy and Religious Studies

The Honors Program in Philosophy and Religious studies enables outstanding students to engage in challenging Honors coursework and creative Honors research experiences.

Eligibility: Admission is by departmental invitation to students who have demonstrated excellent intellectual potential. To be considered, students must have a minimum 3.5 GPA in the major and in all university coursework.

Requirements:

1) Complete an Honors Capstone Thesis as the outcome of the departmental seminar — either PHIL 485 (Seminar in Problems in Philosophy) or RELS 490 (Seminar in Religious Studies) — or an appropriately crafted Independent Study project.

2) Present the thesis research at or in a suitable local, regional, or national venue.

Faculty
Sean McAleer, Chair
Charlene Burns
Steven Fink
Troy Kozma
Yaakov Levi
Matthew Meyer
Kristin Schaupp
Martin Webb

Majors
• Major: Philosophy, Liberal Arts - B.A./B.S. (p. 398)
• Major: Religious Studies, Liberal Arts - B.A./B.S. (p. 401)

Minors
• Minor: Philosophy, Liberal Arts (p. 400)
• Minor: Religious Studies, Liberal Arts (p. 403)

Certificates
• Certificate: Ethics (p. 398)
• Certificate: World Religions (p. 404)

Ethics, Certificate
(Code 400-601)

The Ethics Certificate is for students in a variety of majors and minors, especially pre-professional programs with existing ethics requirements, and students interested in graduate study and careers in health care ethics, legal ethics, business and corporate ethics and compliance. The Ethics Certificate is a natural complement to the Leadership Certificate currently offered through the College of Business’s Department of Management and Marketing.

Students are required to complete a minimum of 12 credits and complete a reflection essay.

Required Courses
PHIL 120 Ethical Reasoning 3
PHIL 331 Philosophical Ethics 3
The remaining six credits are from ethics-relevant electives: 6

PHIL 301 Ethics in the Professions and the Community
PHIL 305 Ethics and Business
PHIL 306 Ethics of Health Care
PHIL 308 Ethics in Computing and Engineering
PHIL 320 Environmental Ethics
PHIL 333 History of Ethics
RELS 210 Religion and Morality

With advisor approval, the following may be applied to the certificate program:

PHIL 395 Directed Studies
PHIL 399 Independent Study - Juniors
PHIL 499 Independent Study - Seniors

After their course work is completed, students must submit to the certificate advisor an essay in which they reflect on their learning experiences with respect to the certificate’s goals.

Total Credits 12

Note 1: Up to three credits from ethics courses from the student’s major or minor field of study (e.g., CJ 413, PSYC 357, ACCT 425) may be applied with advisor approval.

Note 2: Students must earn at least 48 unique credits between the certificate program and major for purposes of meeting graduation requirements for first and second degree programs. Students cannot pursue the Philosophy Major and Ethics Certificate to meet graduation requirements for completing a first and second degree program.

For advising, see Professor S. McAleer (Philosophy and Religious Studies).

Philosophy, Major
Liberal Arts (Code 400-200)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements

| Grade Point Requirements (p. 50)² | 2.00 average |
| Total | 2.00 average |
| Resident | 2.00 average |
| Major | 2.00 average |
| Minor | 2.00 average |
| Certificate | 2.00 average |

University Residency Requirements (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/pssp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW extension correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1)</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1)</td>
</tr>
</tbody>
</table>
Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
(http://catalog.uwec.edu/undergraduate/attribute-R1)
Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)
University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)
Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements
Liberal Arts (Code 400-200)
Thirty-six semester credits, including:
Eighteen credits from core courses: 18

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHIL 235</td>
<td>Ancient Philosophy</td>
</tr>
<tr>
<td>PHIL 250</td>
<td>Symbolic Logic</td>
</tr>
<tr>
<td>PHIL 316</td>
<td>Metaphysics</td>
</tr>
<tr>
<td>PHIL 317</td>
<td>Epistemology</td>
</tr>
<tr>
<td>PHIL 331</td>
<td>Philosophical Ethics</td>
</tr>
<tr>
<td>PHIL 335</td>
<td>Early Modern Philosophy</td>
</tr>
<tr>
<td>PHIL 485</td>
<td>Seminar in Problems of Philosophy</td>
</tr>
</tbody>
</table>

Eighteen credits from philosophy courses 1, 2, 3 18

1 PHIL 101 and PHIL 120 are disallowed for major credit if taken after the student has earned nine credits in philosophy.
2 No more than three credits of PHIL 397 and PHIL 498 are allowed toward the major.
3 Upon approval of the department up to six credits from courses other than philosophy may be applied to the major.

Capstone: All philosophy majors shall complete a reflection paper, usually during the senior year, in which the student analyzes and reflects on his or her learning experiences as a philosophy major in light of the philosophy major’s learning goals and outcomes.

Philosophy, Minor
Liberal Arts (Code 400-400)
Twenty-four semester credits, including:
At least three credits from each of the following three categories, for a total of nine credits: 9

Logic:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 150</td>
<td>Logic and Critical Thinking</td>
</tr>
<tr>
<td>PHIL 250</td>
<td>Symbolic Logic</td>
</tr>
</tbody>
</table>

History of Philosophy:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 235</td>
<td>Ancient Philosophy</td>
</tr>
</tbody>
</table>
PHIL 335 Early Modern Philosophy
PHIL 338 Modern European Philosophy I
PHIL 339 Modern European Philosophy II
PHIL 340 Knowledge and Reality

Core Areas:
PHIL 316 Metaphysics
PHIL 317 Epistemology
PHIL 331 Philosophical Ethics

Required:
The remaining fifteen credits will be selected from philosophy courses 1, 2, 3

1. PHIL 101 and PHIL 120 are disallowed for minor credit if taken after the student has earned nine credits in philosophy.
2. No more than three credits of PHIL 397 and PHIL 498 are allowed toward the minor.
3. Upon approval of the department up to six credits from courses other than philosophy may be applied to the minor.

Religious Studies, Major
Liberal Arts (Code 411-201)

University Requirements

Graduation Requirements for Baccalaureate Degree

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Application of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Maximum 12</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>Maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
<td>Maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>Maximum 12 credits</td>
</tr>
</tbody>
</table>
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

**Skills Goal**

- **Written and Oral Communication**: Students must demonstrate proficiency in written and oral communication.

- **Mathematics**: Students must demonstrate proficiency in mathematics.

- **Creativity**: Students must demonstrate proficiency in creativity.

**Knowledge Goal**

- **Natural Sciences**: Students must demonstrate proficiency in the natural sciences.

- **Social Sciences**: Students must demonstrate proficiency in social sciences.

- **Humanities**: Students must demonstrate proficiency in humanities.

- **Fine Arts**: Students must demonstrate proficiency in fine arts.

**Responsibility Goal**

- **Equity, Diversity, and Inclusivity**: Students must demonstrate proficiency in equity, diversity, and inclusivity.

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn a minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors (if available) more than the minimum of 120 credits for graduation.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: 
(1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 411-201)

Thirty-six semester credits, including:

Three credits from core courses (to be taken by all majors before the completion of six credits of Religious Studies coursework):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 100</td>
<td>Introduction to the Religions of the World</td>
</tr>
<tr>
<td>RELS 110</td>
<td>Basic Issues in Religion</td>
</tr>
<tr>
<td>RELS 210</td>
<td>Religion and Morality</td>
</tr>
</tbody>
</table>

Capstone

All Religious Studies majors must complete the following capstone requirements.

Three credits to be taken in junior or senior year of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 470</td>
<td>The Problem of Evil</td>
</tr>
<tr>
<td>RELS 490</td>
<td>Seminar in Religious Studies</td>
</tr>
<tr>
<td>RELS 491</td>
<td>Special Topics</td>
</tr>
<tr>
<td>RELS 499</td>
<td>Independent Study - Seniors</td>
</tr>
</tbody>
</table>

Monotheistic Religions:

A minimum of nine credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 303</td>
<td>Early Christianity</td>
</tr>
<tr>
<td>RELS 304</td>
<td>Modern Christianity</td>
</tr>
<tr>
<td>RELS 307</td>
<td>Judaism</td>
</tr>
<tr>
<td>RELS 309</td>
<td>Islam</td>
</tr>
</tbody>
</table>

Asian Religions:

A minimum of nine credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 312</td>
<td>Buddhism: Past and Present</td>
</tr>
<tr>
<td>RELS 314</td>
<td>Hinduism</td>
</tr>
<tr>
<td>RELS 323</td>
<td>Chinese and Japanese Religions</td>
</tr>
<tr>
<td>RELS 326</td>
<td>Asian Religious Philosophies</td>
</tr>
</tbody>
</table>

Methodological Approaches:

A minimum of three credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 230</td>
<td>Old Testament/Hebrew Bible</td>
</tr>
<tr>
<td>RELS 240</td>
<td>New Testament</td>
</tr>
<tr>
<td>RELS 315</td>
<td>Psychology of Religion</td>
</tr>
<tr>
<td>RELS/PHIL 345</td>
<td>Philosophy of Religion</td>
</tr>
<tr>
<td>ANTH 463</td>
<td>Religion and Culture</td>
</tr>
</tbody>
</table>

The remaining coursework may be taken from the three previous categories and any of the courses listed below:

Topical and Historical Approaches:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS/WGSS 203</td>
<td>Women and World Religions</td>
</tr>
<tr>
<td>RELS 210</td>
<td>Religion and Morality</td>
</tr>
<tr>
<td>RELS 290</td>
<td>Sacred Earth: Religion and Nature</td>
</tr>
<tr>
<td>RELS/AIS 330</td>
<td>Indigenous Religions of the Americas</td>
</tr>
<tr>
<td>RELS 334</td>
<td>Music in Judaism, Christianity and Islam</td>
</tr>
<tr>
<td>RELS 342</td>
<td>African American Religion</td>
</tr>
<tr>
<td>RELS 348</td>
<td>Religious Themes in Literature</td>
</tr>
<tr>
<td>RELS 378</td>
<td>The Holocaust, 1933-1945</td>
</tr>
<tr>
<td>RELS 390</td>
<td>Religion in America</td>
</tr>
<tr>
<td>RELS 470</td>
<td>The Problem of Evil</td>
</tr>
<tr>
<td>RELS 490</td>
<td>Seminar in Religious Studies</td>
</tr>
<tr>
<td>RELS 491</td>
<td>Special Topics</td>
</tr>
<tr>
<td>RELS 498</td>
<td>Internship in Religious Studies</td>
</tr>
<tr>
<td>RELS 499</td>
<td>Independent Study - Seniors</td>
</tr>
</tbody>
</table>

Religious Studies, Minor

Liberal Arts (Code 411-401)

Twenty-four semester credits, including:

Three credits from core courses (to be taken by all minors before the completion of six credits of Religious Studies coursework):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 100</td>
<td>Introduction to the Religions of the World</td>
</tr>
<tr>
<td>RELS 110</td>
<td>Basic Issues in Religion</td>
</tr>
<tr>
<td>RELS 210</td>
<td>Religion and Morality</td>
</tr>
</tbody>
</table>

Seminar course

Three credits taken in junior or senior year from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 470</td>
<td>The Problem of Evil</td>
</tr>
<tr>
<td>RELS 490</td>
<td>Seminar in Religious Studies</td>
</tr>
<tr>
<td>RELS 491</td>
<td>Special Topics</td>
</tr>
<tr>
<td>RELS 499</td>
<td>Independent Study - Seniors</td>
</tr>
</tbody>
</table>

Monotheistic Religions:

A minimum of six credits from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELS 303</td>
<td>Early Christianity</td>
</tr>
<tr>
<td>RELS 304</td>
<td>Modern Christianity</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>RELS 307</td>
<td>Judaism</td>
</tr>
<tr>
<td>RELS 309</td>
<td>Islam</td>
</tr>
</tbody>
</table>

**Asian Religions:**

A minimum of six credits from:

- RELS 312 Buddhism: Past and Present
- RELS 323 Chinese and Japanese Religions
- RELS 314 Hinduism
- RELS 326 Asian Religious Philosophies

The remaining coursework may be taken from the two previous categories and any of the courses listed below:

**Methodological Approaches:**

A minimum of three credits from:

- ANTH 463 Religion and Culture
- RELS 230 Old Testament/Hebrew Bible
- RELS 240 New Testament
- RELS 315 Psychology of Religion
- RELS/PHIL 345 Philosophy of Religion

**Topical and Historical Approaches:**

- RELS/WGSS 203 Women and World Religions
- RELS 210 Religion and Morality
- RELS 290 Sacred Earth: Religion and Nature
- RELS/AIS 330 Indigenous Religions of the Americas
- RELS 334 Music in Judaism, Christianity and Islam
- RELS 342 African American Religion
- RELS 348 Religious Themes in Literature
- RELS 378 The Holocaust, 1933-1945
- RELS 390 Religion in America
- RELS 470 The Problem of Evil
- RELS 490 Seminar in Religious Studies

**Other:**

- RELS 291 Special Topics
- RELS 395 Directed Studies
- RELS 396 Research Apprenticeship in Religious Studies
- RELS 397 Student Academic Apprenticeship in Religious Studies
- RELS 399 Independent Study - Juniors
- RELS 491 Special Topics
- RELS 498 Internship in Religious Studies
- RELS 499 Independent Study - Seniors

1 A maximum of three credits may be counted toward the minor from any combination of RELS 395, RELS 399, RELS 498, and RELS 499, and a maximum of three credits may be counted toward the minor from the combination of RELS 396 and RELS 397.

## World Religions, Certificate

(Code 411-601)

The World Religions Certificate is intended for undergraduates outside of the Religious Studies major/minor who desire to enhance their marketability as potential graduate students and employees, whether their career goal is education, business, health care, psychology, music and the arts, the sciences, or the humanities. The World Religions certificate program offers students a foundational understanding of the beliefs, practices, and cultural impact of the world’s major religious traditions that will enable them to negotiate the complex challenges of life in an increasingly interconnected and globalized world. The impact of religions on world events is undeniable, and students pursuing any disciplinary major can benefit greatly from the learning opportunities offered by this certificate program.

Students are required to complete a minimum of 15 credits, including:

- Three credits from:
  - RELS 100 Introduction to the Religions of the World
  - RELS 110 Basic Issues in Religion
  - RELS 210 Religion and Morality

- Six credits from Non-Western Concentration courses:
  - RELS 312 Buddhism: Past and Present
  - RELS 314 Hinduism
  - RELS 323 Chinese and Japanese Religions
  - RELS/AIS 330 Indigenous Religions of the Americas

- Six credits from Western Concentration courses:
  - RELS 303 Early Christianity
  - RELS 304 Modern Christianity
  - RELS 307 Judaism
  - RELS 309 Islam

Total Credits: 15

For advising, see Professor S. Fink (Philosophy and Religious Studies).

## Physics and Astronomy

Phillips 230
715-836-3148

Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/physics-astronomy)

Physics, the science of matter and energy, is the study of the deepest mysteries of our universe, ranging from subatomic particles to cosmology. Exploring ideas of space, time, matter, energy, and radiation, it serves as the basis for the physical sciences. Modern society is influenced by physics in countless ways, including recent developments in such fields as laser optics, miniaturized electronics, nuclear energy, and medical instrumentation.

Beyond the earth, astronomy applies the ideas of physics to the study of planets, stars, galaxies and all celestial phenomena within reach of our telescopes. Since the two areas share a vast array of common ideas and knowledge, new discoveries in physics often aid progress in astronomy and vice versa.

Special learning opportunities associated with the department include the Materials Science + Engineering Center (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/materials-science-engineering/materials-science-engineering-center), the L.E. Phillips Planetarium, and Hobbs Observatory at the Beaver Creek Reserve (www.beavercreekreserve.org (http://www.beavercreekreserve.org)).

## Departmental Honors in Physics

Departmental Honors is a way for a student to experience the thrill of innovative research and discovery in an area of interest within Physics and Astronomy. One of the most significant benefits of Departmental Honors is...
that it fosters one-on-one interaction between students and professors, which substantially enhances a student’s educational experience and serves as a springboard for excellence in graduate studies or professional employment after graduation.

**Eligibility:** Complete PHYS 332 and maintain both a resident GPA and a major GPA of at least 3.50.

**Procedure:** A written application for Departmental Honors in Physics and Astronomy must be approved by the student’s academic advisor, the student’s project advisor, and the chair of the Physics and Astronomy Department.

**Requirements:**

1. Complete the required courses for one of the three emphases for the Liberal Arts major in Physics.
2. Complete two courses selected from among
   - PHYS 367 Astrophysics
   - PHYS 375 Electromagnetic Fields
   - PHYS 430 Advanced Laboratory Techniques
   - PHYS 445 Thermal Physics
   - PHYS 465 Quantum Mechanics
3. Complete a significant scholarly activity and disseminate the results of the activity by completing a written research paper and presenting at an appropriate on-campus or off-campus venue (Physics Thursday, CERCA, Provost’s Honors Symposium, etc.) or making a presentation at a professional meeting or publishing an article in a professional journal. The quality of the activity and dissemination will be evaluated by a three-member faculty panel. Upon approval by the panel, the student will receive the designation of Departmental Honors in Physics and Astronomy on his/her official transcript and a special notation in the graduation ceremony program.

**Faculty**

J. Erik Hendrickson, Chair

Douglas Dunham
Matthew Evans
Lyle Ford
Lauren Likkel
Kim Pierson
James Rybicki
George Stecher
Paul Thomas
Scott Whitfield
William Wolf

**Majors**

- Major: Physics, Liberal Arts - B.A./B.S. (p. 410)
- Major: Physics, Dual Degree Engineering Emphasis, Liberal Arts - B.A./B.S. (p. 408)
- Major: Physics, Teaching - B.S. (p. 413)

- Major: Physics-Mathematics, Teaching - B.S. (Interdisciplinary Major) (p. 89)

**Minors**

- Minor: Physics, Liberal Arts (p. 417)
- Minor: Physics, Teaching (p. 417)

**Certificates**

- Certificate: LabVIEW (p. 405)

**LABVIEW, Certificate**

(Code 230-601)

The LabVIEW Certificate Program provides UW-Eau Claire students and engineers in local and regional industry with an in-depth understanding of the computer interfacing and data acquisition software package called LabVIEW. LabVIEW has become an industry standard in this technical area. LabVIEW provides an extensive environment in which a scientist or engineer can accomplish a variety of instrument control, data collection and data processing tasks. The UW-Eau Claire LabVIEW Certificate program has also been designed to provide students with the skills and experiences required to pass the first two levels of professional LabVIEW programming certification offered by National Instruments, which is required for many industry positions that involve LabVIEW programming.

To be admitted to the program, UW-Eau Claire students must have completed PHYS 232 with a grade of C or better and be currently enrolled in PHYS 350. Special students must have completed at least 8 credits of electrical engineering coursework equivalent to that in PHYS 350 and PHYS 360.

Thirteen credits are required for certificate program completion and are drawn from the following course work:

- PHYS 350 Electric and Electronic Circuits 4
- PHYS 360 Electronics 4
- PHYS 361/561 LabVIEW Basics 2
- PHYS 362/562 LabVIEW Applications 2
- PHYS 363/563 LabVIEW cRIO 1

Total Credits 13

The academic goals of the LabVIEW Certificate Program are:

1. to provide students with a working knowledge of electronics which they will get from PHYS 350 and PHYS 360;
2. an understanding of the basics of computer interfacing principles which they get from PHYS 360 and the three LabVIEW courses;
3. an in-depth knowledge of the LabVIEW programming environment which they get from the three LabVIEW courses;
4. an introduction to Field Programmable Gate Arrays (a revolutionary new technology) which they get from the last LabVIEW cRIO course.

Note: Students cannot pursue the Physics Major and LabVIEW Certificate to meet graduation requirements for completing a first and second degree program.

For advising, see Professor K. Pierson (Physics and Astronomy).
Physics, Applied Physics Emphasis, Major

Liberal Arts (Code 230-203)

University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

a minimum of 36 credits
Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 112 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 230-203)

This emphasis focuses on physics applications of relevance to industrial and engineering employment environments following completion of the baccalaureate degree.
The Applied Physics Emphasis requires 36 credits of physics coursework including:

- MSE 120 Introduction to Engineering 0.5-2
- or PHYS 186 Introductory Seminar
- PHYS 231 University Physics I 5
- PHYS 232 University Physics II 5
- PHYS 332 University Physics III 3
- PHYS 340 Optics 4
- PHYS 350 Electric and Electronic Circuits 4
- PHYS 360 Electronics 4

Select one of the following:

- PHYS 255 Statics and Dynamics
- & PHYS 356 and Dynamics
- PHYS 365 Theoretical Mechanics
- PHYS 375 Electromagnetic Fields
- PHYS 430 Advanced Laboratory Techniques 2
- PHYS 486 Senior Seminar 0.5

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MSE 315, MSE 357, MSE 372, and MSE 451.

Required courses not counted toward credits in major:

- MATH 312 Differential Equations and Linear Algebra
- MATH 345 Introduction to Probability and Mathematical Statistics
- CS 163 Introduction to Programming in C++
- or CS 170 Computing for the Sciences and Mathematics

Select one of the following:

- CHEM 115 Chemical Principles
- CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II
- CHEM 105 General Chemistry I Lecture & CHEM 106 and General Chemistry I Laboratory
- & CHEM 109 and General Chemistry II with Lab

1 It is strongly recommended that CS 163 or CS 170 be completed within the first three semesters.

NOTE 1: An approved research project must be completed prior to PHYS 486 (see PHYS 486 course description for details)

NOTE 2: A maximum of six credits of any combination of PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

NOTE 3: Limit of 3 credits of PHYS 495 counted toward major.

**Physics, Dual Degree Engineering Emphasis, Major**

**Liberal Arts (Code 230-206)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

Minimum total for graduation 1

**Upper division credits (courses numbered 300 and higher)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSE 120</td>
<td>0.5-2</td>
</tr>
<tr>
<td>PHYS 231</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 340</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 360</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 255 &amp; PHYS 356</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 365</td>
<td>4</td>
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<tr>
<td>PHYS 375</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 430</td>
<td>2</td>
</tr>
<tr>
<td>PHYS 486</td>
<td>0.5</td>
</tr>
<tr>
<td>MATH 312</td>
<td>3</td>
</tr>
<tr>
<td>MATH 345</td>
<td>3</td>
</tr>
<tr>
<td>CS 163 or CS 170</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 115</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 103 &amp; CHEM 104</td>
<td>6</td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106</td>
<td>6</td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>6</td>
</tr>
<tr>
<td>1 It is strongly recommended that CS 163 or CS 170 be completed within the first three semesters.</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE 1:** An approved research project must be completed prior to PHYS 486 (see PHYS 486 course description for details)

**NOTE 2:** A maximum of six credits of any combination of PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

**NOTE 3:** Limit of 3 credits of PHYS 495 counted toward major.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard at [https://my.uwec.edu/pdp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL](https://my.uwec.edu/pdp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory
Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total degree credit maximum 12</td>
</tr>
<tr>
<td></td>
<td>Major, Standard maximum 1 course</td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major or minor maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit maximum 72 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Activity credit (band, chorus, drama, KINS 100-184) maximum 1 credit</td>
</tr>
<tr>
<td></td>
<td>Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td></td>
<td>Single course band, chorus, drama maximum 4 credits</td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Other extension/correspondence maximum ¼ of total</td>
</tr>
</tbody>
</table>

**USAFI**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>USAFI maximum 32 credits</th>
</tr>
</thead>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Goal</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>) Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13">http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>) One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>) One (1) learning experience</td>
</tr>
</tbody>
</table>

**Integration Goal**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>) Two (2) learning experiences</th>
</tr>
</thead>
</table>

**Service-Learning Goal**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl/#header13">http://catalog.uwec.edu/undergraduate/attribute-sl/#header13</a>) 30 hours</th>
</tr>
</thead>
</table>

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.
Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 /LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 230-206)

This emphasis combines the benefits of a traditional physics degree with those of a formal engineering education. In this program students receive a UW-Eau Claire physics degree in conjunction with a bachelor’s degree in engineering from UW-Madison, UW-Milwaukee, UW-Stout, or the University of Minnesota-Twin Cities.

The Dual Degree Engineering Emphasis requires 36 credits of physics coursework including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSE 120</td>
<td>Introduction to Engineering</td>
<td>2</td>
</tr>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 340</td>
<td>Optics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Electric and Electronic Circuits</td>
<td>4</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 365</td>
<td>Theoretical Mechanics</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 255</td>
<td>Statics</td>
<td></td>
</tr>
<tr>
<td>&amp; PHYS 356</td>
<td>Dynamics (option depends on engineering program)</td>
<td></td>
</tr>
</tbody>
</table>

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MISE 315, MISE 357, MISE 372, and MSE 451.

Required courses not counted toward credits in major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 312</td>
<td>Differential Equations and Linear Algebra</td>
<td></td>
</tr>
</tbody>
</table>

Select one computer science course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
<td></td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
<td></td>
</tr>
</tbody>
</table>

or advisor-approved course appropriate for the engineering program

Complete an engineering degree

1 To receive the UW-Eau Claire Dual Degree Engineering Emphasis physics degree, the student must complete an engineering degree from one of the above schools. Students will typically complete most of the UW-Eau Claire Liberal Education Core and Dual Degree physics requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete 84 semester credits before transferring to the engineering school, 56 of which must be taken in residency at UW-Eau Claire, with a minimum of 12 upper-division credits of physics and a minimum of six credits of mathematics taken at UW-Eau Claire.

NOTE 1: The UW-Eau Claire physics degree will not be awarded until an official copy of the student’s engineering degree has been sent to UW-Eau Claire’s Registrar’s Office. If the engineering degree is not completed, then students must satisfy all of the requirements for another degree program at UW-Eau Claire.

NOTE 2: A maximum of six credits of any combination of PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

NOTE 3: Limit of 3 credits of PHYS 495 counted toward major.

Physics, Liberal Arts Emphasis, Major

Liberal Arts (Code 230-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
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</tbody>
</table>

Total

<table>
<thead>
<tr>
<th>Resident Major</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00 average</td>
<td></td>
</tr>
</tbody>
</table>
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Applied to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Total degree credit</td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences
College Graduation Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 230-201)

The Liberal Arts emphasis is the traditional physics major, providing preparation for graduate school as well as a broad range of careers in business and industry following completion of the baccalaureate degree.

The Liberal Arts Emphasis requires 36 credits of physics coursework including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 186</td>
<td>Introductory Seminar</td>
</tr>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
</tr>
<tr>
<td>PHYS 333</td>
<td>Quantum Physics</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Electric and Electronic Circuits</td>
</tr>
<tr>
<td>PHYS 340</td>
<td>Optics</td>
</tr>
<tr>
<td>or PHYS 360</td>
<td>Electronics</td>
</tr>
<tr>
<td>PHYS 365</td>
<td>Theoretical Mechanics</td>
</tr>
<tr>
<td>PHYS 486</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MSE 315, MSE 357, MSE 372, and MSE 451.

Required courses not counted toward credits in major:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 312</td>
<td>Differential Equations and Linear Algebra</td>
</tr>
<tr>
<td>CS 163</td>
<td>Introduction to Programming in C++</td>
</tr>
<tr>
<td>or CS 170</td>
<td>Computing for the Sciences and Mathematics</td>
</tr>
</tbody>
</table>
It is strongly recommended that CS 163 or CS 170 be completed within the first three semesters.

Chemistry (CHEM 115 or CHEM 103 and CHEM 104 or CHEM 105, CHEM 106, and CHEM 109) is strongly recommended.

NOTE 1: An approved research project must be completed prior to PHYS 486 (see PHYS 486 course description for details).

NOTE 2: A maximum of six credits of any combination of PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

NOTE 3: Limit of 3 credits of PHYS 495 counted toward major.

Physics, Major - Teaching
Teaching (Code 230-205)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
- Minimum total for graduation: 120
- Upper division credits (courses numbered 300 and higher): 39
- Liberal Education Core (p. 46): 36
- Academic Concentrations (p. 50): 

Grade Point Concentrations (p. 50)

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)
- Minimum total: 30
- Senior year: 23
- Major, Standard, upper division in residence: 12
- Major, Comprehensive, upper division in residence: 21
- Certificate: 25 percent of credits

Procedures Required for Graduation
- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit maximum 12, Major, Standard maximum 1 course, Major, Comprehensive maximum 2 courses</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>Total degree credit maximum ¼ of total, Major or minor maximum ½ of total</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td>Total KINS 100-184 maximum 1 credit, Single course band, chorus, drama maximum 4 credits</td>
</tr>
<tr>
<td>University Residency Requirements (p. 50)</td>
<td>Total degree credit maximum 72 credits, Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td>Procedures Required for Graduation</td>
<td>Total degree credit maximum 72 credits, Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td>Activity Credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 maximum 1 credit, Maximum 12 credits</td>
</tr>
<tr>
<td>Extension Credits</td>
<td>Maximum 4 credits</td>
</tr>
<tr>
<td>UW-System</td>
<td>No maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>Maximum ¼ of total</td>
</tr>
</tbody>
</table>

USAFI
- Maximum 32 credits
Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Liberal Education Core Requirements</th>
<th>a minimum of 36 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
</tr>
</tbody>
</table>

Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

Integration Goal

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-i1">http://catalog.uwec.edu/undergraduate/attribute-i1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>Liberal Education Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
</tbody>
</table>
Teaching Licensure Requirements - EA-A Licensure
Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A
Early Adolescence through Adolescence Licensure
Professional Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>12</td>
</tr>
<tr>
<td>or ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td></td>
</tr>
<tr>
<td>or ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
<th>Preregistered Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015³</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td></td>
<td>ETS 5061</td>
</tr>
<tr>
<td>History</td>
<td>380-404</td>
<td>ES 356 (SP)</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>------------------</td>
<td>---------</td>
<td>-------------</td>
<td>---------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-471</td>
<td></td>
<td></td>
<td>ETS 5146</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-407</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-403</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-403</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Sociology</td>
<td>480-404</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-405</td>
<td>ES 366 (F)</td>
<td>Study abroad in language</td>
<td>ETS 5362</td>
</tr>
<tr>
<td>Teaching English to Speakers of Other Languages (TESOL)</td>
<td>550-408</td>
<td>ES 405 (F)</td>
<td>1 yr college level foreign language</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

## Admission Requirements

Admission to Professional Education Programs (p. 508)

## Major Requirements

### Teaching (Code 230-205)

Thirty-six semester credits of Physics, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 340</td>
<td>Optics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Electric and Electronic Circuits</td>
<td>4</td>
</tr>
</tbody>
</table>

At least 15 credits selected from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 226</td>
<td>Astronomy-Solar System</td>
<td></td>
</tr>
<tr>
<td>PHYS 229</td>
<td>Astronomy-Stars and Galaxies</td>
<td></td>
</tr>
</tbody>
</table>

or any physics course numbered above 325

Required courses not counted towards credit in major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
<td></td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>and General Chemistry II with Lab</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td></td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td></td>
</tr>
<tr>
<td>MATH 216</td>
<td>Calculus III</td>
<td></td>
</tr>
</tbody>
</table>

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics in Early Adolescence through Adolescence classrooms. It is often combined with a mathematics or chemistry teaching minor.

## Broadfield Science Licensure

Completion of the following requirements and ES 360 may be used in lieu of a minor and adds Broadfield Science licensure to the teaching major:

A. At least 14 credits from one of the following areas:

### Area 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
<tr>
<td>BIOL 222</td>
<td>Foundations of Biology II</td>
</tr>
<tr>
<td>BIOL 223</td>
<td>Foundations of Biological Inquiry</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
</tr>
</tbody>
</table>

### Area 2:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>&amp; CHEM 104</td>
<td>and General Chemistry II</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>&amp; CHEM 109</td>
<td>and General Chemistry II with Lab</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
</tr>
</tbody>
</table>

additional courses selected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Quantitative Analysis</td>
</tr>
<tr>
<td>CHEM 218</td>
<td>Introduction to Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 325</td>
<td>Organic Chemistry I with Laboratory</td>
</tr>
</tbody>
</table>

### Area 3:

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
</tr>
<tr>
<td>GEOG 340</td>
<td>Climatology</td>
</tr>
<tr>
<td>GEOG 361</td>
<td>Environmental Hazards</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 226</td>
<td>Astronomy-Solar System</td>
</tr>
</tbody>
</table>

Additional courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 102</td>
<td>Oceanography</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Earth Resources</td>
</tr>
<tr>
<td>GEOG 303</td>
<td>Rocky Mountain Field Studies</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Water Resources</td>
</tr>
<tr>
<td>PHYS 229</td>
<td>Astronomy-Stars and Galaxies</td>
</tr>
<tr>
<td>GEOG 200</td>
<td>Foundations of Geography</td>
</tr>
<tr>
<td>GEOG 304</td>
<td>Introduction to Geomorphology</td>
</tr>
<tr>
<td>GEOG 340</td>
<td>Climatology</td>
</tr>
<tr>
<td>GEOG 361</td>
<td>Environmental Hazards</td>
</tr>
</tbody>
</table>

B. Eight credits in each of the two areas not selected in A above:
Area 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIOL 221</td>
<td>Foundations of Biology I</td>
</tr>
</tbody>
</table>

Area 2:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 105</td>
<td>General Chemistry I Lecture</td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 115</td>
<td>Chemical Principles</td>
</tr>
<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 109</td>
<td>General Chemistry II with Lab</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
</tr>
</tbody>
</table>

Area 3:

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 106</td>
<td>Earth Science</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOL 115</td>
<td>Environmental Geology</td>
</tr>
<tr>
<td>GEOL 118</td>
<td>Societal Issues in Earth Science</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>The Physical Environment</td>
</tr>
</tbody>
</table>

Required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 226</td>
<td>Astronomy-Solar System</td>
</tr>
<tr>
<td>or PHYS 229</td>
<td>Astronomy-Stars and Galaxies</td>
</tr>
</tbody>
</table>

NOTE 1: A maximum of six credits of any combination of PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

NOTE 2: Limit of 3 credits of PHYS 495 counted toward major.

**Physics, Minor - Liberal Arts**

*Liberal Arts (Code 230-401)*

Twenty-four semester credits of Physics including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
</tr>
</tbody>
</table>

11 or more credits from any Physics courses

1 MATH 215 | Calculus II (Not counted toward credits in minor)

1 Except PHYS 100, PHYS 211, and PHYS 212

It is recommended that students minor in physics consult the chair of the Department of Physics and Astronomy while planning a program.

**Physics, Minor - Teaching**

*Teaching (Code 230-403)*

Twenty-four semester credits of Physics, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 231</td>
<td>University Physics I</td>
</tr>
<tr>
<td>PHYS 232</td>
<td>University Physics II</td>
</tr>
<tr>
<td>PHYS 332</td>
<td>University Physics III</td>
</tr>
</tbody>
</table>

**Political Science**

Hibbard Humanities Hall 401
715-836-5744
Department Website ([https://www.uwec.edu/academics/college-arts-sciences/departments-programs/political-science](https://www.uwec.edu/academics/college-arts-sciences/departments-programs/political-science))

Political Science examines various systems of government within and among nation-states and the principles on which they are based. It familiarizes the student with political concepts and issues, their historical backgrounds, and their relevance to the cultural systems in which they arise. The study of political science provides methods for analyzing political issues and the policies designed to address them.

**Honor Societies and Student Organizations:**

Pi Sigma Alpha, the national honor society, promotes student interest in political science and sponsors forums on current political topics and workshops on applying to and attending graduate school and law school.

The honor society accepts qualified students each fall and spring semester for membership, based on political science coursework and academic standing. Contact the faculty adviser in the department for further details.

Model United Nations Club (MUNC) is a student organization whose primary purpose is to educate its members and the student body about the United Nations and its activities. The organization is open to all students interested in global affairs and the UN. MUNC members attend two United Nations mock conferences each year and participate in a number of other group activities.

Pre-Law Club is a student organization whose primary purpose is to inform its members of the various aspects of the legal profession. The organization is open to all students from various academic majors who are considering attending law school and share an interest in the legal profession. The organization sponsors speakers from various law-related occupations, organizes trips to law schools and law school fairs, and provides practice tests for the Law School Admission Test.

The Society of Politics is open to all students with an interest in politics and political science. The Society functions as both a social and professional organization for students to help them make connections and broaden the scope of their political knowledge. The Society hosts several events during
the year, including a fall picnic, roundtables, and forums for the students and political science faculty to meet and discuss important issues.

**Mock Trial Team** is an academic competition in which teams prepare both sides of a hypothetical legal case to present to a panel of judges. This academic competition builds one’s logical reasoning, analytical reasoning, and persuasive oratory skills. Mock Trial is an excellent educational experience for students who plan to attend law school, work in law enforcement, or be an expert witness in court, as well as those who want to learn more about how the judicial system operates.

**Departmental Honors Program in Political Science**

*Eligibility:* Majors with resident and total GPAs of 3.50 or higher overall and in Political Science, and the consent of the department. Senior standing is required. By the end of the second semester of the junior year, students must notify the department of their intent to seek departmental honors.

*Requirements:* Comprehensive written examination taken at the end of the first semester of the senior year; senior thesis written during the second semester of the senior year. Students must register for POLS 496, during the semester that they write the thesis.

**Faculty**

Geoffrey Peterson, Chair

Ali Abootalebi
Kristen Benedini
Michael Fine
Rodd Freitag
Margaret Gilkison
Ming-Li Hsieh
Eric Kasper
Damir Kovacevic
Steven Majstorovic
Peter Myers
Justin Patchin
Jason Spraitz

**Majors**

- Comprehensive Major: Political Science, Legal Studies Emphasis, Liberal Arts - B.A./B.S. (p. 419)
- Comprehensive Major: Political Science, World Politics Emphasis, Liberal Arts - B.A./B.S. (p. 430)
- Major: Political Science, Liberal Arts - B.A./B.S. (p. 422)
- Major: Political Science, Teaching - B.A. (p. 425)

**Minors**

- Minor: Political Science, Liberal Arts (p. 429)
- Minor: Political Science, Teaching (p. 430)

**Certificates**

- Certificate: Campaign Consulting (p. 418)
- Certificate: International Affairs (p. 418)
- Certificate: Legal Studies (p. 419)

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**Campaign Consulting, Certificate**

*(Code 420-601)*

The **Certificate in Campaign Consulting** is designed for the student seeking an opportunity to learn the skills of campaign organization and management. Students develop campaigning skills including organization of workers, marketing of candidates, issue development, use of media, and campaign finance. The certificate in Campaign Consulting is the only university course of study providing training and experience in local elections.

Currently enrolled degree-seeking students who have applied to the department for the certificate and are in good standing in the University are eligible to complete a certificate in Campaign Consulting.

Students are required to earn a total of 18 credits toward the certificate.

*Required Courses:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 341</td>
<td>Political Parties, Elections, and Voting</td>
<td>3</td>
</tr>
<tr>
<td>POLS 342</td>
<td>Public Opinion and Political Behavior</td>
<td>3</td>
</tr>
<tr>
<td>POLS 498</td>
<td>Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

The remaining six credits are to be selected from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td></td>
</tr>
<tr>
<td>POLS 340</td>
<td>Congress and the Presidency</td>
<td></td>
</tr>
<tr>
<td>POLS 343</td>
<td>Public Administration</td>
<td></td>
</tr>
<tr>
<td>POLS 344</td>
<td>Media and Politics</td>
<td></td>
</tr>
<tr>
<td>POLS 350</td>
<td>Group and Minority Politics</td>
<td></td>
</tr>
<tr>
<td>POLS 498</td>
<td>Internship (campaign related)</td>
<td></td>
</tr>
</tbody>
</table>

*Total Credits:* 18

All of these courses are regularly offered in the department.

Students seeking a certificate in Campaign Consulting must meet with the department chair and will be assigned a certificate advisor within the Department of Political Science.

**International Affairs, Certificate**

*(Code 420-602)*

The **Certificate in International Affairs** is designed for those students interested in global awareness, cultural and political diversity, and economic globalization. A certificate in International Affairs will indicate that a student has undergraduate level awareness of global concepts, basic issues, terminology, structures, and perspectives. The certificate in International Affairs provides knowledge and skills that will help prepare students for employment in a global political economy, as well as familiarize them with specializations, concepts, jargon, and methods for graduate concentrations in various aspects of world politics.

Currently enrolled degree-seeking students are eligible to complete a certificate in International Affairs. This certificate is not intended for political science comprehensive majors with a world politics emphasis.
Students are required to earn a total of 18 credits toward the certificate.

**Required Courses (12 crs)**

- **POLS 122** Introduction to World Politics 3
- **POLS 331** International Organization and Law 3
- **POLS 334** International Political Economy 3
- **POLS 335** International Relations Theory 3
- The remaining six credits are to be selected from: 6
  - **POLS/LAS 319** Politics of Latin America
  - **POLS 321** Politics of the Middle East
  - **POLS 322** Politics of Russia
  - **POLS 323** Politics of Eastern Europe
  - **POLS 324** Politics of Asia
  - **POLS 327** Politics of Continental Europe
  - **POLS 330** U.S. Foreign Policy
  - **POLS 332** International Conflict
  - **POLS 336** Arab-Israeli Conflict
  - **POLS 390** Culture and Politics

**Total Credits** 18

Students are strongly encouraged to take only one course from a geographic or cultural region. All of these courses are regularly offered in the department.

Students seeking a certificate in International Affairs will be assigned an advisor within the Department of Political Science.

NOTE: Students cannot pursue the Political Science Major and International Affairs Certificate to meet graduation requirements for completing a first and second degree program.

---

**Legal Studies, Certificate**

*(Code 420-603)*

The **Certificate in Legal Studies** is designed for those students interested in law school or paralegal work who have a strong interest in providing evidence of coursework in law. Students will be given the opportunity to concentrate coursework in legal studies, develop skill in preparing legal briefs, and develop skill in participating in Socratic dialogue as practiced in law schools and other arenas that teach law. The certificate in Legal Studies provides a liberal arts approach to the study of law and is not intended to provide the kind of clerical training associated with some paralegal training.

Currently enrolled degree-seeking students are eligible to complete a certificate in Legal Studies. This certificate is not intended for political science comprehensive majors with a legal studies emphasis.

Students are required to earn a total of 18 credits toward the certificate.

**Required Courses (12 crs)**

- **POLS 110** American National Politics 3
- **POLS 338** Judicial Politics 3
- **POLS 403** U.S. Constitutional Principles - Powers of Government 3
- **POLS 404** U.S. Constitutional Principles - Civil Liberties 3
- The remaining six credits are to be selected from: 6
  - **POLS 305** Survey of U.S. Constitutional Principles (take before POLS 403, POLS 404)

**Total Credits** 18

Junior standing and POLS 110, are prerequisites for 400 level classes. All of these courses are regularly offered in the department.

Students seeking a certificate in Legal Studies will be assigned a pre-law advisor within the Department of Political Science.

NOTE: Students cannot pursue the Political Science Major and Legal Studies Certificate to meet graduation requirements for completing a first and second degree program.

---

**Political Science, Legal Studies Emphasis, Comprehensive Major**

*Liberal Arts (Code 420-001)*

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements**

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements**

<table>
<thead>
<tr>
<th>Minimum total</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.
Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPICLABILIT Y OF CREDITS TOWARD GRADUATION

Satisfactory/Unsatisfactory

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USAFI</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13) Two (2) learning experiences
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 420-001)

A comprehensive major in Political Science combines political science with courses in other disciplines. Students choose either the Legal Studies emphasis or the World Politics emphasis.

The Legal Studies emphasis provides an emphasis in legal studies for those students interested in law school, paralegal studies, and law and society.

Sixty semester credits, including:

Required political science credits:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 122</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 290</td>
<td>Introduction to Political Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POLS 338</td>
<td>Judicial Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 403</td>
<td>U.S. Constitutional Principles - Powers of Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 404</td>
<td>U.S. Constitutional Principles - Civil Liberties</td>
<td>3</td>
</tr>
<tr>
<td>POLS 405</td>
<td>U.S. Constitutional Principles - Due Process and Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 406</td>
<td>U.S. Constitutional Principles - Equality and Privacy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 480</td>
<td>Political Science Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective political science credits, including: 21

One course in International Relations

Two courses in Comparative Government (one must be at the 300 level or higher)

Two courses in Political Theory from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 310</td>
<td>Modern Political Thought</td>
</tr>
<tr>
<td>POLS 311</td>
<td>Contemporary Political Thought</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
</tr>
</tbody>
</table>

Required:

Two additional courses in political science from the four course groupings (200 level or higher)

Elective courses from other disciplines selected from the following list: 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
</tr>
<tr>
<td>ACCT 202</td>
<td>Principles of Accounting</td>
</tr>
<tr>
<td>ANTH 422</td>
<td>Anthropology of Law</td>
</tr>
<tr>
<td>CJ 202</td>
<td>Fundamentals of Speech</td>
</tr>
<tr>
<td>CRMJ 319</td>
<td>Police in Society</td>
</tr>
<tr>
<td>CRMJ 342</td>
<td>Confinement and Corrections</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 303</td>
<td>Intermediate Microeconomic Theory</td>
</tr>
<tr>
<td>ECON 304</td>
<td>Intermediate Macroeconomic Theory</td>
</tr>
<tr>
<td>ECON 311</td>
<td>History of Economic Thought</td>
</tr>
<tr>
<td>ECON 316</td>
<td>Econometrics</td>
</tr>
<tr>
<td>ECON 321</td>
<td>Money and Banking</td>
</tr>
<tr>
<td>ENGL 201</td>
<td>Advanced College Writing</td>
</tr>
<tr>
<td>HIST 114</td>
<td>United States History to 1877</td>
</tr>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877</td>
</tr>
<tr>
<td>PHIL 120</td>
<td>Ethical Reasoning</td>
</tr>
<tr>
<td>PHIL 150</td>
<td>Logic and Critical Thinking</td>
</tr>
<tr>
<td>PHIL 310</td>
<td>Philosophy of Law</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
</tr>
</tbody>
</table>

**Information for Political Science Majors and Minors**

Political Science courses at the 200 level and above are classified into the following four course groupings:

### American Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 305</td>
<td>Survey of U.S. Constitutional Principles</td>
<td>3</td>
</tr>
<tr>
<td>POLS 338</td>
<td>Judicial Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 340</td>
<td>Congress and the Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POLS 341</td>
<td>Political Parties, Elections, and Voting</td>
<td>3</td>
</tr>
<tr>
<td>POLS 342</td>
<td>Public Opinion and Political Behavior</td>
<td>3</td>
</tr>
<tr>
<td>POLS 343</td>
<td>Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>POLS 344</td>
<td>Media and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 345</td>
<td>Film and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 346</td>
<td>Public Policy in the United States</td>
<td>3</td>
</tr>
<tr>
<td>POLS 350</td>
<td>Group and Minority Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 353</td>
<td>Afro-American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 403</td>
<td>U.S. Constitutional Principles - Powers of Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 404</td>
<td>U.S. Constitutional Principles - Civil Liberties</td>
<td>3</td>
</tr>
<tr>
<td>POLS 405</td>
<td>U.S. Constitutional Principles - Due Process and Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 406</td>
<td>U.S. Constitutional Principles - Equality and Privacy</td>
<td>3</td>
</tr>
<tr>
<td>POLS/AIS 250</td>
<td>American Indian Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 351</td>
<td>Women and Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

### International Relations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 325</td>
<td>Model United Nations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 330</td>
<td>U.S. Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 331</td>
<td>International Organization and Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 332</td>
<td>International Conflict</td>
<td>3</td>
</tr>
<tr>
<td>POLS 334</td>
<td>International Political Economy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 335</td>
<td>International Relations Theory</td>
<td>3</td>
</tr>
<tr>
<td>POLS 336</td>
<td>Arab-Israeli Conflict</td>
<td>3</td>
</tr>
</tbody>
</table>

### Comparative Government

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 321</td>
<td>Politics of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>POLS 322</td>
<td>Politics of Russia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 323</td>
<td>Politics of Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 329</td>
<td>Political Violence</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 352</td>
<td>Gender and Politics in Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>POLS 390</td>
<td>Culture and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS/LAS 319</td>
<td>Politics of Latin America</td>
<td>3</td>
</tr>
</tbody>
</table>

### Political Theory

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 309</td>
<td>Classical Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 310</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 311</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 314</td>
<td>The Idea of Tolerance in the Western Political Tradition</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOTE:** All majors should take POLS 290 before taking any 300 level courses.

## Political Science, Major - Liberal Arts

**Liberal Arts (Code 420-201)**

### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

#### Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Grade Point Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

### University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>University Residency Requirements (p. 50)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

**Certificate**

- 25 percent of credits

### Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.
Applicability of Credits Toward Graduation

### Junior College or Two-Year College Credits
A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

### Extension Credits
Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

### WTCS Credits
A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

### USAFI Credit
UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

### Activity Credit (band, chorus, drama, KINS 100-184 courses)
Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

### Other Restricted Credits
For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td><strong>Two-Year College Credits</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>
Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfilment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 420-201)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 122</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 290</td>
<td>Introduction to Political Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POLS 480</td>
<td>Political Science Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

At least one course in each of the four course groupings defined below

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

American Politics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 305</td>
<td>Survey of U.S. Constitutional Principles</td>
<td>3</td>
</tr>
<tr>
<td>POLS 338</td>
<td>Judicial Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 340</td>
<td>Congress and the Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POLS 341</td>
<td>Political Parties, Elections, and Voting</td>
<td>3</td>
</tr>
<tr>
<td>POLS 342</td>
<td>Public Opinion and Political Behavior</td>
<td>3</td>
</tr>
<tr>
<td>POLS 343</td>
<td>Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>POLS 344</td>
<td>Media and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 345</td>
<td>Film and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 346</td>
<td>Public Policy in the United States</td>
<td>3</td>
</tr>
<tr>
<td>POLS 350</td>
<td>Group and Minority Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 353</td>
<td>Afro-American Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 403</td>
<td>U.S. Constitutional Principles - Powers of Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 404</td>
<td>U.S. Constitutional Principles - Civil Liberties</td>
<td>3</td>
</tr>
<tr>
<td>POLS 405</td>
<td>U.S. Constitutional Principles - Due Process and Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 406</td>
<td>U.S. Constitutional Principles - Equality and Privacy</td>
<td>3</td>
</tr>
<tr>
<td>POLS/AIS 250</td>
<td>American Indian Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 351</td>
<td>Women and Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

International Relations

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 325</td>
<td>Model United Nations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 330</td>
<td>U.S. Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 331</td>
<td>International Organization and Law</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>POLS 332</td>
<td>International Conflict</td>
<td>3</td>
</tr>
<tr>
<td>POLS 334</td>
<td>International Political Economy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 335</td>
<td>International Relations Theory</td>
<td>3</td>
</tr>
<tr>
<td>POLS 336</td>
<td>Arab-Israeli Conflict</td>
<td>3</td>
</tr>
<tr>
<td><strong>Comparative Government</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 321</td>
<td>Politics of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>POLS 322</td>
<td>Politics of Russia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 323</td>
<td>Politics of Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 329</td>
<td>Political Violence</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 352</td>
<td>Gender and Politics in Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>POLS 390</td>
<td>Culture and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS/LAS 319</td>
<td>Politics of Latin America</td>
<td>3</td>
</tr>
<tr>
<td><strong>Political Theory</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 309</td>
<td>Classical Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 310</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 311</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 314</td>
<td>The Idea of Tolerance in the Western Political Tradition</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Students are strongly encouraged to develop a 15-credit topical theme as a part of their major course of study. Recommended themes include:

**American Political Development Theme**

Core: POLS 305 and POLS 312

Electives: POLS 250/AIS 250, POLS 301, POLS 330, POLS 338, POLS 340, POLS 341, POLS 342, POLS 343, POLS 344, POLS 346, POLS 350, POLS 351, POLS 403

**Constitutional Studies Theme**

Core: POLS 305 and at least two of the following: POLS 403, POLS 404, POLS 405, POLS 406

Electives: POLS 301, POLS 310, POLS 312, POLS 330, POLS 338, POLS 340, POLS 350, POLS 351, POLS 353

**Electoral Politics Theme**

Core: POLS 341 and POLS 260

Electives: POLS 301, POLS 310, POLS 312, POLS 321, POLS 322, POLS 327, POLS 340, POLS 342, POLS 344, POLS 350, POLS 351, POLS 353

**Global Conflict Resolution Theme**

Core: POLS 332 and POLS 335

Electives: POLS 311, POLS 321, POLS 323, POLS 325, POLS 327, POLS 330, POLS 331, POLS 334, POLS 336

**Global Diversity Theme**

Core: POLS 260 and POLS 390

Electives: POLS 319, POLS 321, POLS 322, POLS 324, POLS 325, POLS 327, POLS 336

**Global Human Rights Theme**

Core: POLS 332

Electives: POLS 260, POLS 309, POLS 311, POLS 319, POLS 321, POLS 322, POLS 324, POLS 325, POLS 327, POLS 331, POLS 334, POLS 336, POLS 350

**Representation & Action Theme**

Core: POLS 311 and POLS 325

Electives: POLS 301, POLS 331, POLS 340, POLS 341, POLS 342, POLS 344, POLS 346, POLS 350, POLS 351, POLS 353, POLS 390, POLS 404

**Political Science, Major - Teaching**

**Teaching (Code 420-203)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses
offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU.TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for and other types of credits.

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
<tr>
<td><strong>Two-Year College Credits</strong></td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td><strong>Activity credit (band, chorus, drama, KINS 100-184)</strong></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
</tr>
<tr>
<td><strong>Extension credits</strong></td>
</tr>
<tr>
<td>UW-System</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
</tr>
</tbody>
</table>
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
   - Senior Year: 23 credits
   - Major, in upper division courses: 12 credits
   - Comprehensive Major, in upper division courses: 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>Praxis II Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 385 Social Foundations: Human Relations (included in major)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I1 (Integration)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 497 Field Experience Seminar (included in major)</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching licensure requirements - EA-A licensure

Program Options B and C
These programs are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).
   Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so.
   Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option B: EA-A
Early Adolescence through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td></td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td></td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td></td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td></td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td></td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td></td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445 &amp; ES 470</td>
<td>Student Teaching in Middle Level Education and Student Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>or ES 446 &amp; ES 475</td>
<td>Internship Teaching in Middle Level Education and Internship Teaching in Secondary Education</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td></td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td></td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td></td>
</tr>
</tbody>
</table>

Approved Majors and Minors for Option B

Comprehensive Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 319</td>
<td>English Language and Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 419</td>
<td>English Language and Literature</td>
<td></td>
</tr>
<tr>
<td>ETS 5038</td>
<td>English Language and Literature</td>
<td></td>
</tr>
<tr>
<td>ES 360</td>
<td>Earth and Space Science</td>
<td></td>
</tr>
<tr>
<td>ES 357</td>
<td>Earth and Space Science</td>
<td></td>
</tr>
<tr>
<td>ETS 5435</td>
<td>Earth and Space Science</td>
<td></td>
</tr>
<tr>
<td>ETS 5061</td>
<td>Earth and Space Science</td>
<td></td>
</tr>
</tbody>
</table>
Physical Science

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

Physics-Mathematics

- **ES 357 (Sp) and ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5161 and ETS 5435 (regardless of emphasis)**

Physics Emphasis

- **ES 357 (Sp) and ES 360 (F)**
- **Biol 180 or Geog 178**

Mathematics Emphasis

- **ES 357 (Sp) and ES 360 (F)**
- **Biol 180 or Geog 178**

Social Studies

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

### Majors Code

#### Biology

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

#### Chemistry

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

#### Economics

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

#### English

- **ENGL 319, ENGL 419**
- **ETS 5038**

#### History

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

#### Mathematics

- **ES 357**
- **ETS 5161**

#### Physics

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

#### Political Science

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

### Minors Code

#### Biology

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

#### Chemistry

- **ES 360 (F)**
- **Biol 180 or Geog 178**
- **ETS 5435**

#### Economics

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

#### English

- **ENGL 319, ENGL 419**
- **ETS 5038**

#### French

- **ES 366 (F) in language**
- **Study abroad WPT and OPI or OPIc**

#### Geography

- **ES 356**
- **Econ 103, Biol 180 or Geog 178**
- **ETS 5081**

#### Geology

- **ES 360 (F)**
- **Study abroad in language WPT and OPI or OPIc**

#### German

- **ES 366 (F)**
- **Study abroad in language WPT and OPI or OPIc**

### Admission Requirements

Admission to Professional Education Programs (p. 508)

#### Major Requirements

**Teaching (Code 420-203)**

Thirty-six semester credits, including:

- **POLS 110** American National Politics 3
- **POLS 122** Introduction to World Politics 3
- **POLS 260** Introduction to Comparative Politics 3
- **POLS 290** Introduction to Political Analysis 3
- **POLS 301** State and Local Politics 3
- **POLS 305** Survey of U.S. Constitutional Principles 3
- **POLS 312** American Political Thought 3
- **POLS 480** Political Science Capstone 3
- **two courses at the 300 level or above in American politics in addition to POLS 301 and POLS 305** 6
- **one course at the 200 level or higher in international relations** 3
- **one course at the 200 level or higher in comparative government in addition to POLS 260** 3

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

### Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

1. Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.
Political Science, Minor - Liberal Arts

Liberal Arts (Code 420-401)

Twenty-four semester credits including:

- POLS 110 American National Politics 3
- POLS 122 Introduction to World Politics 3

Electives:

At least one course at the 300-400 level in each of the four course groupings defined below

At least 18 credits must be taken at the 200 level or above

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

### American Politics

- POLS 301 State and Local Politics 3
- POLS 305 Survey of U.S. Constitutional Principles 3
- POLS 338 Judicial Politics 3
- POLS 340 Congress and the Presidency 3
- POLS 341 Political Parties, Elections, and Voting 3
- POLS 342 Public Opinion and Political Behavior 3
- POLS 343 Public Administration 3
- POLS 344 Media and Politics 3
- POLS 345 Film and Politics 3
- POLS 346 Public Policy in the United States 3
- POLS 350 Group and Minority Politics 3
- POLS 353 Afro-American Politics 3
- POLS 403 U.S. Constitutional Principles - Powers of Government 3
- POLS 404 U.S. Constitutional Principles - Civil Liberties 3
- POLS 405 U.S. Constitutional Principles - Due Process and Criminal Law 3
- POLS 406 U.S. Constitutional Principles - Equality and Privacy 3
- POLS/AIS 250 American Indian Politics 3
- POLS/WGSS 351 Women and Politics 3

### International Relations

- POLS 325 Model United Nations 3
- POLS 330 U.S. Foreign Policy 3
- POLS 331 International Organization and Law 3
- POLS 332 International Conflict 3
- POLS 334 International Political Economy 3
- POLS 335 International Relations Theory 3
- POLS 336 Arab-Israeli Conflict 3

### Comparative Government

- POLS 260 Introduction to Comparative Politics 3
- POLS 321 Politics of the Middle East 3
- POLS 322 Politics of Russia 3
- POLS 323 Politics of Eastern Europe 3
- POLS 324 Politics of Asia 3
- POLS 327 Politics of Continental Europe 3
- POLS 329 Political Violence 3
- POLS/WGSS 352 Gender and Politics in Global Perspective 3
- POLS 390 Culture and Politics 3
- POLS/LAS 319 Politics of Latin America 3

### Political Theory

- POLS 309 Classical Political Thought 3
- POLS 310 Modern Political Thought 3
- POLS 311 Contemporary Political Thought 3
- POLS 312 American Political Thought 3
- POLS 314 The Idea of Tolerance in the Western Political Tradition 3

NOTE: All majors should take POLS 290 before taking any 300 level courses.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 329</td>
<td>Political Violence</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 352</td>
<td>Gender and Politics in Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>POLS 390</td>
<td>Culture and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS/LAS 319</td>
<td>Politics of Latin America</td>
<td>3</td>
</tr>
</tbody>
</table>

### Political Theory

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 309</td>
<td>Classical Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 310</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 311</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 314</td>
<td>The Idea of Tolerance in the Western Political Tradition</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: All majors should take POLS 290 before taking any 300 level courses.

### Political Science, Minor - Teaching

#### Teaching (Code 420-403)

Twenty-four semester credits including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 110</td>
<td>American National Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 122</td>
<td>Introduction to World Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 305</td>
<td>Survey of U.S. Constitutional Principles</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
</tbody>
</table>

One additional course at the 300 level or above in American politics

One additional course at the 200 level or above in the International Relations or Comparative Government

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

### Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

#### American Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 301</td>
<td>State and Local Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 305</td>
<td>Survey of U.S. Constitutional Principles</td>
<td>3</td>
</tr>
<tr>
<td>POLS 338</td>
<td>Judicial Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 340</td>
<td>Congress and the Presidency</td>
<td>3</td>
</tr>
<tr>
<td>POLS 341</td>
<td>Political Parties, Elections, and Voting</td>
<td>3</td>
</tr>
<tr>
<td>POLS 342</td>
<td>Public Opinion and Political Behavior</td>
<td>3</td>
</tr>
<tr>
<td>POLS 343</td>
<td>Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>POLS 344</td>
<td>Media and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 345</td>
<td>Film and Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 346</td>
<td>Public Policy in the United States</td>
<td>3</td>
</tr>
<tr>
<td>POLS 350</td>
<td>Group and Minority Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 353</td>
<td>Afro-American Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Political Theory

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 309</td>
<td>Classical Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 310</td>
<td>Modern Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 311</td>
<td>Contemporary Political Thought</td>
<td>3</td>
</tr>
<tr>
<td>POLS 312</td>
<td>American Political Thought</td>
<td>3</td>
</tr>
</tbody>
</table>

#### International Relations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 325</td>
<td>Model United Nations</td>
<td>3</td>
</tr>
<tr>
<td>POLS 330</td>
<td>U.S. Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 331</td>
<td>International Organization and Law</td>
<td>3</td>
</tr>
<tr>
<td>POLS 332</td>
<td>International Conflict</td>
<td>3</td>
</tr>
<tr>
<td>POLS 334</td>
<td>International Political Economy</td>
<td>3</td>
</tr>
<tr>
<td>POLS 335</td>
<td>International Relations Theory</td>
<td>3</td>
</tr>
<tr>
<td>POLS 336</td>
<td>Arab-Israeli Conflict</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Comparative Government

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 321</td>
<td>Politics of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>POLS 322</td>
<td>Politics of Russia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 323</td>
<td>Politics of Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 324</td>
<td>Politics of Asia</td>
<td>3</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
<td>3</td>
</tr>
<tr>
<td>POLS 329</td>
<td>Political Violence</td>
<td>3</td>
</tr>
<tr>
<td>POLS/WGSS 352</td>
<td>Gender and Politics in Global Perspective</td>
<td>3</td>
</tr>
</tbody>
</table>

### Political Science, World Politics Emphasis, Comprehensive Major

#### Liberal Arts (Code 420-002)

### University Requirements

#### GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: All majors should take POLS 290 before taking any 300 level courses.
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit              maximum 12</td>
</tr>
<tr>
<td>Major, Standard                  maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive             maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
</tr>
<tr>
<td>Total degree credit              maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor                   maximum ¼ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
</tr>
<tr>
<td>Total degree credit              maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
<tr>
<td>Total KINS 100-184               maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama        maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
</tr>
<tr>
<td>UW-System                        no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence   maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
</tr>
<tr>
<td>USAFI                            maximum 32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal

| Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) |
| Two (2) learning experiences |
| One experience in laboratory science must be selected from either K1 or K2. |

| Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) |
| Two (2) learning experiences |
| One experience in laboratory science must be selected from either K1 or K2. |

| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) |
| Two (2) learning experiences |

| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) |
| One (1) learning experience |
### College Degree Requirements

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

**Skills Goal**

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) | Two (2) learning experiences |
| One S1 must meet the University Writing Requirement (p. 49) |

| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) | One (1) learning experience |
| One S2 to meet the University Mathematics Requirement (p. 50) |

| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) | One (1) learning experience |

**Responsibility Goal**

| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) | Two (2) learning experiences |
| One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13) |

| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) | One (1) learning experience |

| Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) | One (1) learning experience |

**Integration Goal**

| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) | Two (2) learning experiences |
| Service-Learning Goal |
| Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) | 30 hours |

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 420-002)**

A comprehensive major in Political Science combines political science with courses in other disciplines. Students choose either the Legal Studies emphasis or the World Politics emphasis.

The World Politics emphasis provides an emphasis for students interested in graduate work or employment in world affairs, international relations, and comparative government.

Sixty semester credits, including political science courses (18 required credits):

- POLS 110 American National Politics 3
- POLS 122 Introduction to World Politics 3
- POLS 290 Introduction to Political Analysis 3
- POLS 334 International Political Economy 3
- POLS 335 International Relations Theory 3
- POLS 480 Political Science Capstone 3

Elective political science courses: 27

One 300-level or higher course in American Politics

In addition to POLS 334 and POLS 335, two courses in International Relations

Four courses in Comparative Government
Two courses, at least one from Traditional Thought, in Political Theory
Elective courses from other disciplines (15 credits), with no more than six credits from any one prefix:

ANTH 315 Language in Culture and Society
ANTH/GEOG 351 Cross-Cultural Dynamics
ANTH 355 Peoples of Africa
ANTH/WGSS 356 Women in Cross-Cultural Perspective
CJ 319 International Communication
ECON 351 International Economics
ECON 353 Economics of Pacific Asia
ECON 355 Economic Development
ECON/LAS 356 Economic Development of Latin America
ENGL 130 Introduction to World/Postcolonial Literature
ENGL 230 Survey of World/Postcolonial Literature
ENGL 330 Topics in World/Postcolonial Literature
Foreign Language courses at the 201 level or higher
GEOG 301 Geography of Western Europe
GEOG 308 Geography of Russia and Eastern Europe
GEOG 319 Geography of the Middle East and North Africa
GEOG/LAS 321 Geography of Latin America
GEOG/ENV 378 International Environmental Problems and Policy
GEOG 446 Political Geography
HIST/LAS 309 Latin America Through Independence
HIST/LAS 311 Latin America Since Independence
HIST 326 Twentieth Century Europe, 1900 to Present
HIST 360 Modern France
HIST 362 Modern Germany
HIST 366 History of Middle East Since Muhammad
HIST 375 Twentieth Century Russia
HIST 383 Modern Africa
HIST 387 Marco Polo’s World, 1250-1350
HIST 388 History of China
HIST 389 History of Japan
MUSIC 225 Global Traditions in Music
RELS 307 Judaism
RELS 309 Islam
RELS 312 Buddhism: Past and Present
RELS 314 Hinduism
RELS 323 Chinese and Japanese Religions
RELS 326 Asian Religious Philosophies
RELS 378 The Holocaust, 1933-1945

Total Credits 60

Information for Political Science Majors and Minors
Political Science courses at the 200 level and above are classified into the following four course groupings:

American Politics
POLS 301 State and Local Politics 3
POLS 305 Survey of U.S. Constitutional Principles 3
POLS 338 Judicial Politics 3
POLS 340 Congress and the Presidency 3
POLS 341 Political Parties, Elections, and Voting 3
POLS 342 Public Opinion and Political Behavior 3
POLS 343 Public Administration 3
POLS 344 Media and Politics 3
POLS 345 Film and Politics 3
POLS 346 Public Policy in the United States 3
POLS 350 Group and Minority Politics 3
POLS 353 Afro-American Politics 3
POLS 403 U.S. Constitutional Principles - Powers of Government 3
POLS 404 U.S. Constitutional Principles - Civil Liberties 3
POLS 405 U.S. Constitutional Principles - Due Process and Criminal Law 3
POLS 406 U.S. Constitutional Principles - Equality and Privacy 3
POLS/AIS 250 American Indian Politics 3
POLS/WGSS 351 Women and Politics 3

International Relations
POLS 325 Model United Nations 3
POLS 330 U.S. Foreign Policy 3
POLS 331 International Organization and Law 3
POLS 332 International Conflict 3
POLS 334 International Political Economy 3
POLS 335 International Relations Theory 3
POLS 336 Arab-Israeli Conflict 3

Comparative Government
POLS 260 Introduction to Comparative Politics 3
POLS 321 Politics of the Middle East 3
POLS 322 Politics of Russia 3
POLS 323 Politics of Eastern Europe 3
POLS 324 Politics of Asia 3
POLS 327 Politics of Continental Europe 3
POLS 329 Political Violence 3
POLS/WGSS 352 Gender and Politics in Global Perspective 3
POLS 390 Culture and Politics 3
POLS/LAS 319 Politics of Latin America 3

Political Theory
POLS 309 Classical Political Thought 3
POLS 310 Modern Political Thought 3
POLS 311 Contemporary Political Thought 3
POLS 312 American Political Thought 3
POLS 314 The Idea of Tolerance in the Western Political Tradition 3

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Psychology
Hibbard Humanities Hall 277
715-836-5733
Department Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/psychology)

Psychology is the scientific investigation of mental processes (thinking, remembering, feeling, etc.) and behavior. Psychology lies in the center of the academic pursuits of the university because of its strong connections with other scholarly areas. Psychology is not only an academic discipline, but also a profession. There are both academic psychologists, who engage in teaching and research, and practicing psychologists, who apply psychological knowledge in clinics, businesses, and other settings.

The Psychology Department has adopted the American Psychological Association (2013) learning goals for the major and minor.

Goal 1: Knowledge Base in Psychology
Goal 2: Scientific Inquiry and Critical Thinking
Goal 3: Ethical and Social Responsibility in a Diverse World
Goal 4: Communication
Goal 5: Professional Development

Credit for PSYC 100, PSYC 230, and PSYC 260 can be awarded through CLEP examinations. Credit for PSYC 100 and Statistics (MATH 246/PSYC 265) can be awarded through AP examinations.

Faculty
Douglas Matthews, Chair
Michael Axelrod
Tammy Bednar
Lori Bica
April Bleske-Rechek
Melissa Coolong-Chaffin
Mickey Crothers
Jeffrey Goodman
Christopher Hagan
Jarrod Hines
Stacey Jackson
David Jewett
Kevin Klatt
Carla Lagorio
Mary Beth Leibham
David Leland
Jennifer Muehlenkamp
Jennifer Parker
David Sparkman
Mary Beth Tusing
Christine Calderon Vriesema

Minors
• Minor: Psychology, Liberal Arts (p. 439)

Psychology, Behavior Analysis, Major
Liberal Arts (Code 440-202)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE
Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)
Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average
University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.
1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools.
Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit** (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
<th>Total degree credit</th>
<th>maximum ¾ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>Maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Standard</td>
<td>Maximum 1 course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>Maximum 2 courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>Total degree credit</td>
<td>Maximum 72 credits</td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184</td>
<td>Maximum 1 credit</td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>Maximum 12 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>Maximum 4 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System</td>
<td>No maximum</td>
<td></td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>Maximum ¾ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI</td>
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<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

### Knowledge Goal

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
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<tbody>
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<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
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<tr>
<td></td>
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<td></td>
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</table>

### Skills Goal

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<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
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<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
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<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
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<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
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<th>Responsibility Goal</th>
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<tr>
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<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
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<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
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<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-r3">http://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
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<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-SL/#header13">http://catalog.uwec.edu/undergraduate/attribute-SL/#header13</a>)</td>
<td>30 hours</td>
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</table>

**LIBERAL EDUCATION CORE REQUIREMENTS**

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<tr>
<th>Credit Restrictions</th>
<th>Minimum requirements</th>
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<tr>
<th>Liberal Education Core Requirements</th>
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**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**University Graduation Requirements**

**Major Requirements**

**Liberal Arts (Code 440-201)**

Recommended for students who are interested in becoming a behavioral services provider for individuals afflicted with autism, developmental disabilities, head injuries, and substance-abuse disorders. This major also provides essential preparation for students who are interested in attending graduate school for more advanced training.

Thirty-six semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 101</td>
<td>Psychology as a Discipline and a</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Profession</td>
<td></td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or</td>
<td>PSYC 265</td>
<td></td>
</tr>
<tr>
<td>PSYC 271</td>
<td>Methods of Research in Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 281</td>
<td>Introduction to Behavior Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Therapy</td>
<td></td>
</tr>
<tr>
<td>PSYC 390</td>
<td>Advanced Applied Behavior Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 412</td>
<td>Experimental Analysis of Behavior</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 480</td>
<td>Internship in Behavior Analysis</td>
<td>9</td>
</tr>
</tbody>
</table>

3 credits from one of the following, or a different upper-division Psychology course with department permission:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 302</td>
<td>Principles of Learning</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 377</td>
<td>Psychopharmacology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>complete one of the following in the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>area of Behavior Analysis</td>
<td></td>
</tr>
<tr>
<td>PSYC 396</td>
<td>Research Apprentice in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>PSYC 397</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student Academic Apprenticeship in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td></td>
</tr>
</tbody>
</table>

Remaining credits to total 36 select from any psychology courses

1. No credit may be earned toward completion of the major under the Satisfactory/Unsatisfactory option.
2. Enrollment in PSYC 480 will be 3-6 credits per term depending on the Internship.

**Psychology, Major**

**Liberal Arts (Code 440-202)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses</td>
<td>39</td>
</tr>
<tr>
<td>numbered 300 and higher)</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
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</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
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<tr>
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<tr>
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</table>

**University Residency Requirements** (p. 50)
Minimum total credits: 30
Senior year: 23
Major, Standard, upper division in residence: 12
Major, Comprehensive, upper division in residence: 21
Certificate: 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

Certain programs exceed this minimum.
See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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<td>Total degree credit: maximum 12</td>
</tr>
<tr>
<td>Major, Standard course: maximum 1 course</td>
</tr>
</tbody>
</table>

Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements

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Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)
College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)
One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)
One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)
Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)
One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)
Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Liberal Arts (Code 440-201)

The psychology major develops knowledge, skills, and values consistent with a liberal arts education. Recommended for students who are interested in pursuing advanced degrees in psychology or other related disciplines. Students who complete the major are also well prepared to pursue a variety of careers immediately following graduation.

Thirty-six semester credits, including: 1, 2, 3, and 4

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 101</td>
<td>Psychology as a Discipline and a Profession</td>
<td>1</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology I</td>
<td></td>
</tr>
<tr>
<td>PSYC 271</td>
<td>Methods of Research in Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 400</td>
<td>History and Systems of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or PSYC 401</td>
<td>Big Issues in Psychology</td>
<td></td>
</tr>
</tbody>
</table>

At least one course in each of the four core domains; at least two core domains must include an upper-division course for this requirement:

Biological

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDIS 125</td>
<td>Brain: Introduction to Neuroscience</td>
</tr>
<tr>
<td>PSYC 372</td>
<td>Individual Differences and Behavior Genetics</td>
</tr>
<tr>
<td>PSYC 373</td>
<td>Evolutionary Psychology</td>
</tr>
<tr>
<td>PSYC 374</td>
<td>Cognitive Neuroscience</td>
</tr>
<tr>
<td>PSYC 375</td>
<td>Behavioral and Clinical Neuroscience</td>
</tr>
<tr>
<td>PSYC 376</td>
<td>Psychology of Perception</td>
</tr>
<tr>
<td>PSYC 377</td>
<td>Psychopharmacology</td>
</tr>
</tbody>
</table>
Psychology, Minor

Liberal Arts (Code 440-401)

Twenty-four semester credits, including 1, 2, and 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology</td>
<td>3-4</td>
</tr>
<tr>
<td>PSYC 271</td>
<td>Methods of Research in Psychology</td>
<td>4</td>
</tr>
</tbody>
</table>

Remaining credits to total 24 selected from any Psychology courses. IDIS 125 and RELS 315 also may be counted toward the 24 credits for the minor.

1. At least 6 credits from 300- and 400-level courses are required for the minor.
2. A maximum of 3 credits from PSYC 395, PSYC 396, PSYC 397, PSYC 399, and PSYC 499 may count toward the minor.

3. No credit may be earned under the Satisfactory/Unsatisfactory option for any of the requirements listed above.

Sociology

Hibbard Humanities Hall 629
715-836-2720
Department Website [https://www.uwec.edu/academics/college-arts-sciences/departments-programs/sociology](https://www.uwec.edu/academics/college-arts-sciences/departments-programs/sociology)

Sociology searches in disciplined ways for answers to questions about human social behavior; questions regarding human identity, social interaction, human relations, and group dynamics. It studies the behavior and interaction of social groups and institutions, traces their origin and growth, and analyzes the influence of group activities on both group members and larger social units.

Departmental Honors Program

1. Goals and Objectives
   a. To provide an enriched educational experience for subsequent graduate study, professional activities, or public life.
   b. To allow concentrated and individualized study in selected areas of interest in the field of sociology.
   c. To stimulate, encourage, and challenge students to gain a better understanding of sociological research and theory in addition to usual instruction.
   d. To develop capabilities for independent thought and constructive criticism.

2. Entrance Requirements for Honors in Sociology
   a. Eligibility: Upper-class majors with resident and total GPAs of 3.50 and a GPA of 3.50 in sociology courses.
   b. Applications for the Honors Program should be made in writing to the department during the junior year.

3. Satisfactory Completion of Requirements for Graduation with Honors in Sociology
   a. Minimum of 36 semester credit hours in the sociology department.
   b. An Honors examination in two areas chosen by the student in consultation with an honors committee.
   c. A three credit independent study.
   d. An Honors Seminar.
   e. An Honors research paper.
   f. Resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in the major program at time of graduation.

Satisfactory/Unsatisfactory Policy

No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

Credit by Examination

Credit may be obtained by examination in SOC 101. A student may earn a maximum of six credits in Sociology through credit by examination.

Faculty

Pamela Forman, Chair
Melissa Bonstead-Bruns
Margaret L. Cassidy
Jeff S. Erger
Peter Hart-Brinson
Jianjun Ji
Majors

• Major: Sociology, Liberal Arts - B.A./B.S. (p. 440)

Minors

• Minor: Sociology, Liberal Arts (p. 442)
• Minor: Sociology, Early Adolescence/Adolescence, Teaching (p. 442)
• Minor: Family Studies, Liberal Arts (p. 70)

Certificates

• Certificate: Social Diversity (p. 440)

Social Diversity, Certificate
(Code 480-601)

The Social Diversity Certificate is a foundation for understanding inequality based on race, class, gender, and sexualities. These inequalities are caused by social institutions that create and sustain systems of oppression and privilege. Learning about the real, but often invisible causes of inequality helps individuals overcome internalized oppression and internalized privilege. It also helps professionals to better serve the public in fields such as health care, education, social services, and criminal justice.

A minimum of 12 credits in the following courses:

SOC 312 Race and Ethnicity in the U.S. 3
SOC 314 Social Class and Inequality 3
SOC 419 Sociology of Women 3 or SOC 202 Sociology of Gender
SOC 426 Sociology of Sexualities 3

Note: Courses may not be counted in both the certificate and the student’s major program. Students cannot pursue the Sociology Major and Social Diversity Certificate to meet graduation requirements for completing a first and second degree program.

For advising, see the Sociology Department.

Sociology, Major
Liberal Arts (Code 480-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2
Total 2.00 average
 Resident 2.00 average
 Major 2.00 average
 Minor 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/C/EAU_SS_CUSTOM.EAU_TRNSCRWDZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Satisfactory/Unsatisfactory
Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)
may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122/LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 480-201)**

Thirty-six semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 328</td>
<td>Sociological Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SOC 330</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 332</td>
<td>Sociological Research Methods</td>
<td>4</td>
</tr>
<tr>
<td>SOC 490</td>
<td>Sociology Capstone</td>
<td>3</td>
</tr>
<tr>
<td>Sociology electives</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>36</td>
</tr>
</tbody>
</table>

Note 1: Majors are strongly encouraged to enroll in SOC 330 no later than the first semester of their junior year.

Note 2: A maximum of nine credits earned in SOC 395, SOC 399, SOC 496, SOC 497, SOC 498, and/or SOC 499 may count toward major.

Note 3: A sum total of six credits in SOC 291 and SOC 491 courses may be counted toward the major.

Note 4: Sociology electives may include CRMJ 103 and/or CRMJ 302.

Note 5: No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

**Sociology, Minor - Liberal Arts**

**Liberal Arts (Code 480-401)**

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Sociology electives</td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

Note 1: A minimum of nine credits must be taken in courses numbered 300 or higher.

Note 2: A maximum of six credits earned in SOC 395, SOC 399, SOC 496, SOC 497, SOC 498, and/or SOC 499 may count toward minor.

Note 3: A sum total of six credits in SOC 291 and SOC 491 courses may be counted toward the minor.

Note 4: Sociology electives may include CRMJ 103 and/or CRMJ 302.

Note 5: No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

**Sociology, Minor - Teaching**

**Early Adolescence/Adolescence Teaching (Code 480-404)**

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 242</td>
<td>Contemporary Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 328</td>
<td>Sociological Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SOC 330</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 164</td>
<td>Family and Intimate Relationships</td>
<td>3</td>
</tr>
<tr>
<td>SOC 312</td>
<td>Race and Ethnicity in the U.S.</td>
<td>3</td>
</tr>
<tr>
<td>SOC 316</td>
<td>Sociology of Family</td>
<td>3</td>
</tr>
<tr>
<td>SOC 351</td>
<td>Sociology of Deviance</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Sociology in Early Adolescence through Adolescence classrooms.

Note 1: A minimum of nine credits must be taken in courses numbered 300 or higher.

Note 2: No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

**Watershed Institute for Collaborative Environmental Studies**

Hibbard Humanities Hall 384
715-836-2628
Program Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/watershed-institute)

Students interested in Environmental Studies and Sciences, Environmental Public Health, Public Health or Sustainability are encouraged to enroll in the Environmental Public Health Comprehensive Major (Code 640-001) or one of three interdisciplinary minors: Environmental Science (Code 155-400), Environment, Society, and Culture (Code 489-401), or Public Health (Code 488-401). Environmentally themed comprehensive majors are also available in other departments, including Ecology and Environmental Biology Emphasis.
Environment, Society, and Culture, Minor

Liberal Arts (Code 489-401)


The Environment, Society, and Culture minor enables students to investigate the human and ecological dimensions of environmental issues through a variety of courses and disciplines. Built around an integrative curriculum involving ethics, environmental science, gender studies, health, history, public policy, sociology, geography, and economics—students in the minor examine social and environmental conflicts and the policies and strategies to address these conflicts. This minor is open to all students and is designed to be flexible so that students can tailor it to meet their particular needs and interests.

In this minor, students gain the ability to research and respond to environmental challenges such as climate change, water pollution, air quality, food safety, loss of habitats, urbanization, and the spread of disease, while applying principles of environmental justice, civic engagement, sustainability, and strategic policy approaches. Students will integrate concepts and tools from multiple disciplines across the university to address local-to-global challenges.

Students in the Environment, Society and Culture minor will be empowered to explore many questions, such as: What chemicals are polluting the river and how do they impact human health? What policies will help us address climate change? How can we protect ecosystems and the critical services they provide? How can our cities and towns become more sustainable? What economic practices will help end poverty and protect the natural world? The Environment, Society, and Culture minor challenges students to think critically and holistically to understand the social and environmental systems related to environmental issues.

Credits from other courses may also be applied as electives, pending advisor and college approval, when they focus specifically on environmental topics. This includes special topics, directed studies, independent studies, and/or internships. Applicable environmental courses offered through the Honors program, International Study Abroad or National Student Exchange may also be taken with consent of an advisor.

This minor requires a minimum of 24 credits, of which at least 12 credits must be from courses numbered 300 and higher.

Select at least one gateway course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 180</td>
<td>Environmental Biology and Conservation</td>
</tr>
<tr>
<td>CHEM 127</td>
<td>Chemistry and Climate</td>
</tr>
<tr>
<td>GEOG 178</td>
<td>Conservation of the Environment</td>
</tr>
<tr>
<td>ENPH 110</td>
<td>Introduction to Environmental Health</td>
</tr>
<tr>
<td>ENPH 115</td>
<td>Global Environmental and Public Health</td>
</tr>
</tbody>
</table>

Select at least three of the following from the “Socio-cultural Perspectives” category:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 268</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>ENV 310</td>
<td>Sustainable Cities</td>
</tr>
<tr>
<td>ENV 330</td>
<td>Waste &amp; Society: Energy, Food, and Efficiency</td>
</tr>
<tr>
<td>ENV/GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
</tr>
</tbody>
</table>

Majors

- Comprehensive Major: Environmental Public Health - B.S.E.P.H. (p. 444)

Minors

- Minor: Environment, Society, and Culture, Liberal Arts (p. 443)
- Minor: Environmental Science, Liberal Arts (p. 447)
- Minor: Public Health, Liberal Arts (p. 93)
GEOG 369 Geography of Food
GEOG/ENV 378 International Environmental Problems and Policy
HIST/ENV 346 American Environmental History
SOC 301 Environmental Sociology
SOC 310 Principles of Demography
PHIL 320 Environmental Ethics
WGSS 375 Ecofeminism and Environmental Justice

Natural Science Focus Area: A two-course sequence in a natural science chosen from the following options:

- BIOL 328 Conservation Biology
- CHEM 115 Chemical Principles
- & CHEM 304 and Environmental Chemistry
- GEOL 115 Environmental Geology & GEOL 301 and Earth Resources
- or GEOL 308 Water Resources
- GEOG 104 The Physical Environment & GEOG 304 and Introduction to Geomorphology
- or GEOG 340 Climatology
- or GEOG 361 Environmental Hazards

Select additional courses selected from those listed above or from the options below to reach a total of 24 credits:

- BIOL 329 Biological Field Experiences and Service-Learning Capstone
- ENGL 415 Seminar in Science and Nature Writing
- ENPH 441 Water and Wastewater Management
- ENPH 445 Hazardous and Solid Waste Management
- ENPH 450 Epidemiology
- GEOG 270 Land Use Issues and Problems
- GEOG 350 Soils and the Environment
- GEOG 365 Tourism Geographies
- GEOG 368 Geography Field Seminar
- GEOG/AIS 322 Native Geographies
- MATH 108 Earth Algebra
- PHYS 205 Physics of Renewable Energy
- SOC 314 Social Class and Inequality

Note 1: Credits from other courses may be applied as electives, pending advisor and college approval, when they focus specifically on environmental topics. Examples of such courses include: CHEM 100, HNRS courses (p. 728), IDIS 151-IDIS 155, IDS 351-IDS 355, NRS 255, and WRIT 114, WRIT 116, WRIT 118, WRIT 120. Also, various departments may offer special topics courses, directed studies courses, independent study courses, and/or internships that may also apply.

Note 2: For students pursuing a standard major in Geography, a maximum of 12 credits from the major may be applied to this minor.

Environmental Public Health, Comprehensive Major
(Code 640-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade Point Requirements (p. 50)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
<td></td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

Minimum total | 30
Senior year | 23
Major, Standard, upper division in residence | 12
Major, Comprehensive, upper division in residence | 21
Certificate | 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer
Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPlicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
<td>maximum 12 credits</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>no maximum</td>
<td></td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### Liberal Education Core Requirements

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="https://catalog.uwec.edu/undergraduate/attribute-k1">https://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="https://catalog.uwec.edu/undergraduate/attribute-k2">https://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="https://catalog.uwec.edu/undergraduate/attribute-k3">https://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="https://catalog.uwec.edu/undergraduate/attribute-k4">https://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

### Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="https://catalog.uwec.edu/undergraduate/attribute-s1">https://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="https://catalog.uwec.edu/undergraduate/attribute-s2">https://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="https://catalog.uwec.edu/undergraduate/attribute-s3">https://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="https://catalog.uwec.edu/undergraduate/attribute-r1">https://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="https://catalog.uwec.edu/undergraduate/attribute-r2">https://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="https://catalog.uwec.edu/undergraduate/attribute-r3">https://catalog.uwec.edu/undergraduate/attribute-r3</a>)</td>
<td></td>
</tr>
</tbody>
</table>

### Integration Goal

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Integration Outcome 1 (I1): Integration (<a href="https://catalog.uwec.edu/undergraduate/attribute-i1">https://catalog.uwec.edu/undergraduate/attribute-i1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
</table>

### Service-Learning Goal

<table>
<thead>
<tr>
<th>Service-Learning Goal</th>
<th>Service-Learning (<a href="https://catalog.uwec.edu/undergraduate/attribute-sl/#header13">https://catalog.uwec.edu/undergraduate/attribute-sl/#header13</a>)</th>
<th>30 hours</th>
</tr>
</thead>
</table>
College Degree Requirements

Bachelor of Science in Environmental Public Health

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Science in Environmental Public Health Degree in the College of Arts and Sciences (B.S.E.P.H.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Major Requirements

(Code 640-001)


Practitioners in the field of environmental public health control environmental health hazards and preserve and improve environmental factors for the achievement of optimum health, safety, comfort, and well-being. Students gain the educational background necessary to appreciate cultural values and inform decisions that impact human environmental health. Graduates are employed in regulatory agencies and industries concerned with environmental quality and the public’s health. This comprehensive major includes both foundation classes in biology, chemistry, physics, and mathematics, and specialized courses in environmental and public health, such as food and water sanitation, air pollution, industrial hygiene, and environmental toxicology.

Mission

The Environmental Public Health (ENPH) major provides undergraduate students with a comprehensive understanding of science and its application to protect human environmental health. The degree prepares students for careers as Environmental Health Professionals and safety specialists, integrating a scientific background, technical skills, and professional ethics.

Goals

The ENPH major strives to prepare graduates with the knowledge, awareness, and skills to:

1. Understand the natural world through applied chemistry, biology, physics, and mathematics;
2. Identify short- and long-term hazards to human and environmental health through critical thinking;
3. Serve the public by addressing human health risks through research, communication and intervention;
4. Identify and address cross-cultural, economic, and technological barriers to serving public health interests; and
5. Demonstrate professional ethics, values, and responsibility in all areas of practice.

Scholarships

Several scholarships are available to students in the ENPH major. Additional information may be obtained from the faculty or by visiting the Financial Aid Website. Students are invited to participate in the Student National Environmental Health Association, the goal of which is to improve the health and well-being of people by focusing on environmental public health issues and to provide students an introduction to professional organizations.

Practicum/Internship

A practicum or internship experience is an integral part of the Environmental Public Health major, and an important component of preparation for career or graduate school. This off-campus internship or practicum is a full-time work experience with a health-related agency or industry, typically taken during the summer between the junior and senior year.

Bachelor of Science in Environmental Public Health (B.S.E.P.H.)

The B.S.E.P.H. degree is accredited by the National Environmental Health Science and Protection Accreditation Council. Graduates are prepared to take the National Environmental Health Association exam for the Registered Environmental Health Specialist/Registered Sanitarian credential.

ENPH Major Requirements

Minimum sixty-two semester credits, including:

<table>
<thead>
<tr>
<th>Core Science Courses (included in the ENPH Major Designation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
</tr>
<tr>
<td>BIOL 221</td>
</tr>
<tr>
<td>CHEM 213</td>
</tr>
<tr>
<td>CHEM 325</td>
</tr>
<tr>
<td>And select one of the following two courses:</td>
</tr>
<tr>
<td>BIOL 250</td>
</tr>
<tr>
<td>BIOL 361</td>
</tr>
<tr>
<td>Elective: One course selected from:</td>
</tr>
<tr>
<td>ENPH 115</td>
</tr>
<tr>
<td>ENPH 225</td>
</tr>
<tr>
<td>ENPH 291</td>
</tr>
<tr>
<td>GEOG 135</td>
</tr>
</tbody>
</table>
### Environmental Science, Minor

#### Liberal Arts (Code 155-400)

Advisors: P. Ihinger (Geology), P. Kleintjes Neff (Biology), K. Mumford (Watershed Institute), G. Running (Geography and Anthropology), E. Weiher (Biology).

This multidisciplinary liberal arts minor is created primarily for students with interests in environmental science and conservation of biological diversity. The minor emphasizes the study of environmental issues, ecology and conservation, and water and earth resources through application of concepts and methods from various disciplines. The minor is designed to complement a 36-credit standard major, e.g., Biology, Liberal Arts or Political Science. Students wishing to pursue a comprehensive major in environmental science should consider the Ecology and Environmental Biology Comprehensive Major in Biology, the Environmental Geography Comprehensive Major in Geography and Anthropology, the Environmental Science Comprehensive Major in Geology or the Environmental Public Health Comprehensive Major in the Watershed Institute.

The minor consists of a minimum of 24 credits from the list of courses in categories below with at least 11 credits at the 300 level and higher. Credits from other courses may also be applied as electives, pending advisor and college approval, when they focus specifically on environmental topics. This includes special topics, directed studies, independent studies, and/or internships. Applicable environmental courses offered through International Study Abroad or National Student Exchange may also be taken with consent of an advisor.

#### Twenty-four semester credits, including:

**Required:**
- BIOL 180 Environmental Biology and Conservation
  - 3
- or GEOG 178 Conservation of the Environment
  - 3

**One or more of the following life sciences courses (min. 3 crs):**
- BIOL 321 Ecology
  - 3
- BIOL 328 Conservation Biology
  - 4
- BIOL 338 Vegetation Ecology
  - 4

**Two or more of the following physical science courses (min. 6 crs):**
- CHEM 304 Environmental Chemistry
  - 3
- GEOG 304 Introduction to Geomorphology
  - 4
- GEOG 361 Environmental Hazards
  - 3
- GEOL 115 Environmental Geology
  - 4
- or GEOG 104 The Physical Environment
  - 3
- GEOL 304 Global Environmental Change
  - 3
- GEOL 308 Water Resources
  - 3
- GEOL 315 Hydrogeology I
  - 4
- GEOL 336 Introduction to Geochemistry
  - 3

**One or more of the following health, humanities, or social science courses (min. 3 crs):**
- ECON 268 Environmental Economics
  - 3
- ENPH 110 Introduction to Environmental Health
  - 3

### Satisfactory/Unsatisfactory Policy

The only credits that may be earned under the Satisfactory/Unsatisfactory option are for Independent Study. S/U credits may not total more than three.

### Internship

An internship or practical experience is a requirement for the B.S.E.P.H. degree. Typically between the junior and senior year, each student is required to enroll in three credits of summer practicum (ENPH 435) and pay fees to the University. Students anticipating enrollment in the practicum should notify the Environmental Public Health faculty no later than February 1, and enroll in ENPH 432 the spring semester prior to their summer practicum.
Women’s, Gender, and Sexuality Studies

Hibbard Humanities Hall 384
715-836-5717
Program Website (https://www.uwec.edu/academics/college-arts-sciences/departments-programs/womens-studies)

The Women’s, Gender, and Sexuality Studies program coordinates teaching, research, and scholarship in the field of Women’s, Gender, and Sexuality Studies. It is a discipline in its own right that also draws from many other fields of study. Enacted as a discipline, the Women’s, Gender, and Sexuality Studies program is a site of both scholarly inquiry and social change and activism. A unique academic program, Women’s, Gender, and Sexuality Studies incorporates praxis—practice that is informed by feminist theory and gendered analyses. Courses in Women’s, Gender, and Sexuality Studies are taught with feminist pedagogical techniques and from feminist theoretical perspectives, and they integrate theory with activism whenever possible.

Women’s, Gender, and Sexuality Studies students learn to think critically about the intersections of sex, gender, and sexualities with other hierarchies of power and privilege such as ability, age, class, ethnicity, nationality, and race. Students also learn to make important connections between their learning, their own lives, and the globally interconnected world. As engaged citizens, Women’s, Gender, and Sexuality Studies students advocate for gender and other forms of social justice both on campus and in the larger community.

All majors and minors participate in a final capstone experience, the “Social Justice Practicum” (WGSS 496), where they work closely with a community partner to develop and implement a plan of action or research. There are also internship and volunteer opportunities for Women’s, Gender, and Sexuality Studies students on campus (e.g., Gender and Sexuality Resource Center, Center for Awareness of Sexual Assault) and in the local community (e.g., Bolton Refuge House, AIDS Resource Center of Wisconsin, Family Service Center, Hmong Mutual Assistance Association, and Planned Parenthood). In addition, Women’s, Gender, and Sexuality Studies offers several courses conducted as domestic and international cultural immersion experiences.

Upon graduating, Women’s, Gender, and Sexuality Studies majors pursue a range of careers, including health, social, and human services, public policy, community education, and the non-profit sector. They are also well prepared for graduate studies in Women’s, Gender, and Sexuality Studies and other fields.

Faculty
Rose-Marie Avin, Program Director
Kong Pheng Pha

Majors
- Major: Women’s, Gender, and Sexuality Studies, Liberal Arts - B.A./B.S. (p. 449)

Minors
- Minor: Women’s, Gender, and Sexuality Studies, Liberal Arts (p. 451)

Certificates
- Certificate: Women’s, Gender, and Sexuality Studies (p. 449)
- Certificate: LGBTQ Studies (p. 448)

LGBTQ Studies, Certificate
(Code 485-602)

The Certificate in LGBTQ Studies provides students with a flexible option for completing a concentration in LGBTQ issues, and for formally denoting on their transcript this area of expertise in their academic training.

Currently enrolled degree-seeking students in good standing in the university and University Special Students will be eligible to complete the certificate in LGBTQ Studies.

For students pursuing the Women’s, Gender, and Sexuality Studies Major and the LGBTQ Certificate as their first and second degree programs to meet graduation requirements, no course may be counted in both the major and the certificate.

Students are required to take a minimum of 12 credits, including:
- WGSS 206 Perspectives in LGBTQ Studies 3
- WGSS 406 Queer Theories and Sexual Politics 3

The remaining 6 credits are to be selected from:
- WGSS 308 Topics in LGBTQ Studies 6
- WGSS/HIST 313 Gender, Sex, and Science in European History
- WGSS/PSYC 336 Psychology of Women
Women’s, Gender, and Sexuality Studies, Certificate

(Code 485-601)

The Certificate in Women’s, Gender, and Sexuality Studies is designed for students who have a strong interest in developing a feminist lens to analyze systems of power with a focus on social justice but are not able to complete the requirements for a major or minor in Women’s, Gender, and Sexuality Studies. The certificate might appeal to those students who have limited opportunity to explore academic areas beyond their major discipline.

Currently enrolled degree-seeking students in good standing in the University or University Special Students are eligible to complete a Certificate in Women’s, Gender, and Sexuality Studies.

Students are required to take a minimum of 15 credits, including:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 100</td>
<td>Introduction to Women’s, Gender, and Sexuality</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Studies</td>
<td></td>
</tr>
<tr>
<td>WGSS 200</td>
<td>Introduction to Feminist Theories</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 335</td>
<td>Transnational Feminism</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>The remaining six credits are to be selected from</td>
<td></td>
</tr>
<tr>
<td></td>
<td>either WGSS courses or courses cross-listed with</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WGSS.</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Courses cannot be counted in both the major and the certificate program.

Note 2: Though there are no prerequisites for the Certificate in LGBTQ Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, contact the Women’s, Gender, and Sexuality Studies Program.

Women’s, Gender, and Sexuality Studies, Major

Liberal Arts (Code 485-201)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Courses cannot be counted in both the major and the certificate program.

Note 2: Though there are no prerequisites for the Certificate in LGBTQ Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, contact the Women’s, Gender, and Sexuality Studies Program.

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SSS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAfi Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).
**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity Credit (band, chorus, drama, KINS 100-184)</th>
<th>Extension credits</th>
<th>USAFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum ¼ of total</td>
<td>maximum 72 credits</td>
<td>maximum 12 credits</td>
<td>maximum 4 credits</td>
<td>no maximum</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-S2">http://catalog.uwec.edu/undergraduate/attribute-S2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-S3">http://catalog.uwec.edu/undergraduate/attribute-S3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-I1">http://catalog.uwec.edu/undergraduate/attribute-I1</a>)</td>
<td>Two (2) learning experiences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service-Learning Goal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-SL#header13">http://catalog.uwec.edu/undergraduate/attribute-SL#header13</a>)</td>
<td>30 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
<td></td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

**College Graduation Requirements: Grade Point Averages.** All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and
total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

**Major-Minor and Major-Certificate Requirements.** A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 53).

**College Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.

**Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

**Bachelor of Science Degree in the College of Arts and Sciences (B.S.)**

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

**Major Requirements**

**Liberal Arts (Code 485-201)**

The major consists of 36 semester credits, including:

**Required Core: 18 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 100</td>
<td>Introduction to Women’s, Gender, and Sexuality Studies</td>
<td>3</td>
</tr>
<tr>
<td>or WGSS 301</td>
<td>Examining Women’s, Gender, and Sexuality Studies</td>
<td></td>
</tr>
<tr>
<td>WGSS 200</td>
<td>Introduction to Feminist Theories</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 250</td>
<td>Feminist Research Methodologies</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 422</td>
<td>Women’s, Gender, and Sexuality Studies Advanced Travel Seminar 1</td>
<td>3</td>
</tr>
<tr>
<td>or WGSS 335</td>
<td>Transnational Feminism</td>
<td></td>
</tr>
<tr>
<td>WGSS 490</td>
<td>Feminist Analysis and Practices: Interdisciplinary Themes</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 496</td>
<td>Capstone: Social Justice Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

The remaining 18 credits are to be selected from WGSS courses or courses cross-listed with WGSS 3.

1. At least 12 credits in the major must be earned from courses at the 300-400 level (required courses may be used to meet this requirement).
2. Only if an International Experience and with the consent of the Women’s, Gender, and Sexuality Studies Program Director.
3. WGSS majors may apply a maximum of six credits to the major from WGSS 395, WGSS 397, and WGSS 498.

**Women’s, Gender, and Sexuality Studies, Minor**

**Liberal Arts (Code 485-401)**

The Women’s, Gender, and Sexuality Studies minor offers students important interdisciplinary and multidisciplinary perspectives to analyze systems of power with a focus on social justice. It complements majors in Arts and Sciences, Business, Education and Human Sciences, and Nursing and Health Sciences.

A minimum of 24 semester credits, including:

**Required Core: 18 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGSS 100</td>
<td>Introduction to Women’s, Gender, and Sexuality Studies</td>
<td>3</td>
</tr>
<tr>
<td>or WGSS 301</td>
<td>Examining Women’s, Gender, and Sexuality Studies</td>
<td></td>
</tr>
<tr>
<td>WGSS 200</td>
<td>Introduction to Feminist Theories</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 250</td>
<td>Feminist Research Methodologies</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 422</td>
<td>Women’s, Gender, and Sexuality Studies Advanced Travel Seminar 1</td>
<td>3</td>
</tr>
<tr>
<td>or WGSS 335</td>
<td>Transnational Feminism</td>
<td></td>
</tr>
<tr>
<td>WGSS 490</td>
<td>Feminist Analysis and Practices: Interdisciplinary Themes</td>
<td>3</td>
</tr>
<tr>
<td>WGSS 496</td>
<td>Capstone: Social Justice Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select six credits of electives in WGSS courses or courses cross-listed with WGSS 2.

1. Only if an International Experience and with the consent of the Women’s, Gender, and Sexuality Studies Program Director.
2. WGSS minors may apply a maximum of three credits to the minor from WGSS 395, WGSS 397, and WGSS 498.
College of Business

K. Brewer Doran, Dean (Schneider 119)

Jean A. Pratt, Associate Dean (Schneider 119)
Robert C. Effmeyer, Director, MBA Program and Undergraduate Distance Learning Program (Schneider 215)
Douglas Olson, Director, Center for Health and Aging Services Excellence (Schneider 226C)
Alyssa Slaby, Career Counselor, Advising, Retention + Career Center (VLL 2100K)

Additional information about the College of Business can be found on the college’s website (http://www.uwec.edu/academics/college-business).

College of Business Vision and Mission

Our Vision
To be a leading regional College of Business recognized for our innovative teaching, distinctive academic programs, and value-added educational experiences.

Our Mission
“The College of Business prepares students for success”
Students completing a degree program are prepared to achieve success, whether their next step is employment in their chosen field, graduate study, not-for-profit work, a new career, or a new direction for their current career. Our undergraduate and graduate curricula are designed to provide students with the content knowledge and skills needed to achieve success throughout their careers and lives.

Undergraduate Learning Goals

The College of Business curriculum builds on and enhances the campus liberal education core curriculum. The curriculum provides a broad-based exposure to the functional areas of business through the Business Core (BUSCORE). The various majors provide depth of study within a specific business function. Additionally, the curriculum is designed to provide repeated exposure and mastery of three focused learning goals which are critical to student success:

- Oral and written communication skills
- Teamwork
- Problem-solving skills

Student Classification

Students may declare a major or minor in the College of Business upon admission to the university. Students may also declare “COB Undecided” status if they intend to major in the College of Business, or are highly considering a College of Business major, but have not yet decided what that major will be.

Dean’s List

Students in the College of Business who have an outstanding record of academic accomplishment are eligible for the Dean’s List. In order to earn Dean’s List standing during a given semester, students must have the following:

- Earned a minimum of 12 credits during the semester, not including incompletes, courses below the 100 level, repeats, and Satisfactory/
Internship Procedures

- Students are encouraged to utilize campus resources such as Career Services, fall and spring Career Conferences, student organizations, and other sources to secure internship employment opportunities.
- The internship must be approved by the student’s major department chair or chair’s designee prior to the work experience.
- If the internship is to be completed for university credit (see below), the student must register for the appropriate internship course prior to the work experience.

Credit-Bearing Internships

Note: Credit internship registration is required for the internship to qualify as “Full Time Equivalent Enrollment Status (p. 39),”

Students may earn university credit for their internship work, as determined by the department chair or internship coordinator. The number of work hours required per credit earned will depend on department policy and the nature of the internship. Additionally, each department or program may limit the number of internship credits that may be applied toward major, college, or university graduation requirements.

Students who are interested in the Business Internship Program should contact their department chair within the College of Business or the Career Counselor, located in Vicki Lord Larson Hall 2100, 715-836-3487. Additional information is available on the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/internships).

International Education

The College of Business faculty strongly encourage all business students to study abroad and/or complete an international internship. In today’s business world there are no longer hundreds of isolated markets but rather many very interconnected markets within a global economy. Chances are high that a student majoring in business will end up in a career which will require knowledge and skills needed for operating effectively in the international markets. Employers are looking for individuals who demonstrate self-confidence, independence, global awareness, and knowledge of a multicultural world. To help students gain these skills and competencies, many opportunities exist for them to study outside of the United States. Additional information about study abroad programs is available on the Center for International Education website (https://www.uwec.edu/academics/explore-opportunities/study-abroad/cie).

Service-Learning Experience

Business students can apply the functional knowledge and communication skills gained in the classroom through service in the community. Service-learning is an academic experience that combines community services with intentional learning goals, reflection, and critical analysis. It offers students the opportunity to apply knowledge gained in the classroom through service to others. All UW-Eau Claire undergraduates are required to complete 30 or more clock hours of curricular, extracurricular, or co-curricular service-learning. Acceptable activities can take many forms. Service-learning activities may be integrated into a course or may involve participation in a community service program or internship. Service-learning projects are typically unpaid. Information regarding the completion of the service-learning requirement can be obtained from the department chairs or the University’s Service-Learning website (http://www.uwec.edu/sl).

Faculty/Student Collaborative Research

Business students can gain functional knowledge and practice communication and teamwork skills by working with a faculty member on an academic research project. Research projects are presented at the University’s Celebration of Excellence in Research and Creative Activity (CERCA) event. Students may gain independent study credit for the experience. This opportunity is particularly beneficial for students considering graduate school. Additional information about faculty/student collaborative research experiences is available from the Office of Research and Sponsored Programs (http://www.uwec.edu/ORSP).

Business Student Organizations

Pre-business and business students can apply the knowledge and skills learned in the classroom through active participation in student business organizations. Members network with professionals, go on field trips to businesses, plan meetings, organize fund-raising events, participate in social occasions, attend regional and national conferences, and build lasting friendships with other business students. Additional information is available on the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-organizations).

College of Business Scholarships

Refer to the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/scholarships) for an up-to-date listing of College of Business scholarships.

Special Course Options

Credit by Examination. Each department within the College of Business has established its own policy with respect to credit by examination. Contact the appropriate department chair for additional information.

Independent Study. Students who wish to undertake an independent study project must demonstrate academic capability and must secure, prior to registering, the consent of the chair of the department offering the independent study and the faculty member directing the study.

For further information, contact the appropriate College of Business department chair.

Master of Business Administration Graduate Degree Program

The UW-Eau Claire College of Business is a member and managing partner of the University of Wisconsin System Consortium MBA program. This online MBA program is designed to give students a broad practical understanding of business and the dynamic global environment in which it operates. Students in the program develop the skills and entrepreneurial spirit needed to manage change and recognize the opportunities it creates. In addition, students learn guidelines for evaluating situations in an ethical and socially responsible manner.

Additional information can be found in the Graduate Catalog (http://catalog.uwec.edu/graduate), as well as the College of Business website (http://www.uwec.edu/academics/college-business/graduate-programs).

Degrees and Curricula

Bachelor of Business Administration (BBA) Comprehensive Majors:

Accounting (p. 456)
Business Economics (p. 220)
Business Finance (p. 459)
Health Care Administration (p. 472)
Information Systems (p. 463)
International Business (p. 477)
Management:
Residency Requirements for College of Business Minors

Major/Minor Combinations Within a Single Department

Double Major Combinations Within a Single Department:
- Accounting with Business Finance
- Health Care Administration with any Management or Marketing emphasis
- Any Management emphasis with any Marketing emphasis
- International Business with Healthcare Administration, any Management emphasis, or any Marketing emphasis

Major/Minor Combinations Within a Single Department
- Accounting major with Audit and Control minor
- Accounting major with Business Finance minor
- Business Finance major with Accounting minor
- Health Care Administration major with Entrepreneurship minor
- Health Care Administration major with International Business minor
- Health Care Administration major with Management minor
- Health Care Administration major with Marketing minor
- Any Management emphasis major with International Business minor
- Any Management emphasis major with Marketing minor
- Any Management emphasis major with the exception of the Entrepreneurship emphasis with Entrepreneurship minor
- Any Marketing emphasis major with International Business minor
- Any Marketing emphasis major with Management minor
- Any Marketing emphasis major with Entrepreneurship minor
- Military Science and Leadership minor with Healthcare Administration, any Management emphasis, or any Marketing emphasis

Bachelor of Business Administration (BBA)
Standard Major:
Business Administration (p. 467)

Undergraduate Business Minors 1:
Accounting (p. 458)
Audit and Control (p. 459)
Business Administration (p. 470)
Business Finance (p. 461)
Entrepreneurship (p. 471)
Information Systems (p. 463)
International Business (p. 480)
Management (p. 490)
Marketing (p. 498)
Military Leadership (http://catalog.uwec.edu/undergraduate/business/management-marketing/military-leadership-minor)

1 All of the above minors are available to students outside of the College of Business. Course prerequisites should be taken into account when planning a minor area of study.

Approved Double Major and Major/Minor Combinations Within a Single Department in the College of Business

Double Major Combinations Within a Single Department:
- Accounting with Business Finance
- Health Care Administration with any Management or Marketing emphasis
- Any Management emphasis with any Marketing emphasis
- International Business with Healthcare Administration, any Management emphasis, or any Marketing emphasis

Major/Minor Combinations Within a Single Department
- Accounting major with Audit and Control minor
- Accounting major with Business Finance minor
- Business Finance major with Accounting minor
- Health Care Administration major with Entrepreneurship minor
- Health Care Administration major with International Business minor
- Health Care Administration major with Management minor
- Health Care Administration major with Marketing minor
- Any Management emphasis major with International Business minor
- Any Management emphasis major with Marketing minor
- Any Management emphasis major with the exception of the Entrepreneurship emphasis with Entrepreneurship minor
- Any Marketing emphasis major with International Business minor
- Any Marketing emphasis major with Management minor
- Any Marketing emphasis major with Entrepreneurship minor
- Military Science and Leadership minor with Healthcare Administration, any Management emphasis, or any Marketing emphasis

Residency Requirements for College of Business Minors

At least 12 credits used to fulfill the requirements of a minor from the College of Business must be earned in residence. Resident credits do include credits earned through the National Student Exchange program and U.W. - Eau Claire study abroad programs.

College of Business Certificate Programs
College of Business certificate programs listed below may be used to satisfy university academic concentration requirements (p. 50). Certificate programs may also be used to enhance or complement a student's major or minor program.

Advanced Business Communication Certificate (p. 462)
Digital Marketing Analytics Certificate (p. 470)
Entrepreneurship Certificate (p. 471)
Information Systems Certificate (p. 463)
Leadership Studies Certificate (p. 481)

2 This certificate does not satisfy university academic concentration requirements (p. 50) in combination with the Business Administration major.

Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
Accounting and Finance

Schneider Social Science 400a
715-836-2184
www.uwec.edu/acctfin

Accounting is the field of study which focuses on developing and providing financial information about businesses, including information about the cost of products manufactured or services provided, and about governmental and not-for-profit organizations. This information is used by internal and external decision makers and other stakeholders of the organization. The accounting program is designed to provide the student depth of knowledge in accounting and business, and to help develop communication, interpersonal, and critical thinking skills. These skills are highly valued by organizations seeking to employ accountants. Careers in accounting include public accounting, financial accounting, managerial accounting, internal auditing, and tax accounting.

Finance is the field of study which focuses on managing the finances of firms, financial institutions, and individuals. Careers in finance include corporate financial officer, banker, stockbroker, financial analyst, portfolio manager, investment banker, financial consultant, and personal financial planner.

The Department of Accounting and Finance offers a 60-credit comprehensive major in Accounting. The Department also offers a 60-credit comprehensive major in Finance. Minors in Accounting, Audit and Control, and Finance are also available.

Department of Accounting and Finance Scholarships

Refer to the College of Business website for an up-to-date listing of Department of Accounting and Finance scholarships, or contact the department chair, Schneider 400.

Departmental Honors Programs

Departmental Honors Program in Accounting

Objectives:
1. To provide outstanding students in accounting with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
2. To encourage more faculty-student scholarly interaction, including research collaboration.
3. To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of accounting.

Eligibility:
Upper-class accounting majors with resident, overall, and major GPAs of 3.50 or higher. Completion of ACCT 302.

Procedure:
Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student’s enrollment in ACCT 302 or by a faculty advisor after completion of ACCT 302. Students may apply without an invitation from a faculty member, but must obtain a letter of support from a faculty member. An application must be submitted to the department chair.

The application should be submitted prior to the student’s last two semesters of study. The application form should outline the student’s plan to complete department honors.

Requirements:
At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:
1. Participation in a faculty/student collaborative accounting research project,
2. Presentation of a research project off campus (at a conference),
3. Completion of an accounting project designed and executed under the guidance of an accounting faculty member (may include projects for community members or local companies),
4. Completion of an internship in accounting,
5. Acceptance of an accounting paper in a peer-reviewed journal.

Departmental Honors Program in Finance

Objectives:
1. To provide outstanding students in finance with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
2. To encourage more faculty-student scholarly interaction, including research collaboration.
3. To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of finance.

Eligibility:
Upper-class finance majors with resident, overall, and major GPAs of 3.50 or higher. Completion of FIN 320.

Procedure:
Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student’s enrollment in FIN 321 and/or FIN 322 or by a faculty advisor after completion of FIN 321 and/or FIN 322. Students may apply without an invitation from a faculty member, but must have a letter of support from a faculty member. An application must be submitted to the department chair. The application should be submitted prior to the student’s last two semesters of study. The application form should outline the student’s plan to complete department honors.

Requirements:
At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:
1. Participation in a faculty/student collaborative accounting research project,
2. Presentation of a research project off campus (at a conference),
3. Completion of a finance project designed and executed under the guidance of a finance faculty member (may include projects for community members or local companies),
4. Completion of an internship in finance,
5. Completion of the first exam for the CFA exam with a passing score, or

Faculty

Rajarshi Aroskar, Chair
Mark Alfuth
Yom Bui
Emrah Ekici
Accounting, Comprehensive Major

(Code 720-006)

University Requirements

Graduation Requirements for Baccalaureate Degree

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

<table>
<thead>
<tr>
<th>Procedures Required for Graduation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain admission to the degree program and/or the College offering it.</td>
<td></td>
</tr>
<tr>
<td>Apply for graduation on CampS.</td>
<td></td>
</tr>
</tbody>
</table>

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

<table>
<thead>
<tr>
<th>Applicability of Credits Toward Graduation</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

College Degree Requirements
Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472.) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 720-006)

This major provides an all-inclusive program which will enable the graduate to pursue entry-level accounting positions. Graduates with this major are
eligible to take the examinations for the Certified Public Accountant (CPA), Certified Management Accountant (CMA) and Certified Internal Auditor (CIA) designations.

150-Hour Requirement
Many states (including Wisconsin and Minnesota) accept a baccalaureate degree of at least 120 university credits, with a major in accounting, as qualification to sit for the CPA exam. All licensing jurisdictions, including Wisconsin and Minnesota, require 150 semester hours of university credit to earn CPA licensure. To meet the 150 semester hour requirement, students have options at the undergraduate level including a second major, adding a minor, or completing one of the undergraduate certificates.

Many employers of entry-level accountants require 150 credits of accounting coursework, including an accounting major. Students should work closely with their faculty advisers to determine the best course of study to reach their educational and career goals.

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus ¹</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

<table>
<thead>
<tr>
<th>BUSCORE Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing ¹</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations ¹</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Operations Management</td>
</tr>
<tr>
<td>MGMT 449</td>
<td>Strategic Management in a Global Business Environment ²</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>28</strong></td>
</tr>
</tbody>
</table>

¹ Students must earn a grade of C or above in BCOM 206 and BCOM 207.
² MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Accounting Major
Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

<table>
<thead>
<tr>
<th>Accounting Core Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 202</td>
<td>Principles of Accounting</td>
</tr>
<tr>
<td>ACCT 301</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACCT 302</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACCT 313</td>
<td>Auditing</td>
</tr>
<tr>
<td>ACCT 314</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>ACCT 321</td>
<td>Individual Federal Income Taxation</td>
</tr>
<tr>
<td>ACCT 401</td>
<td>Advanced Financial Accounting</td>
</tr>
<tr>
<td>ACCT 460</td>
<td>Accounting Information Systems and Technology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accounting Electives - Select from the following:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 305</td>
<td>Environmental and Sustainability Accounting</td>
</tr>
<tr>
<td>ACCT 404</td>
<td>Income Tax Practicum</td>
</tr>
<tr>
<td>ACCT 405</td>
<td>International Accounting</td>
</tr>
<tr>
<td>ACCT 410</td>
<td>Investment and Retirement Plan Accounting</td>
</tr>
<tr>
<td>ACCT 415</td>
<td>Advanced Auditing and Consulting</td>
</tr>
<tr>
<td>ACCT 417</td>
<td>Governmental and Nonprofit Organization Accounting</td>
</tr>
<tr>
<td>ACCT 420</td>
<td>Fraud Investigation and Prevention</td>
</tr>
<tr>
<td>ACCT 423</td>
<td>Corporate, Partnership, and Other Entity Tax</td>
</tr>
<tr>
<td>ACCT 425</td>
<td>Ethics in Accounting</td>
</tr>
<tr>
<td>ACCT 430</td>
<td>Accounting Systems</td>
</tr>
<tr>
<td>ACCT 435</td>
<td>Advanced Accounting Systems and IT Auditing</td>
</tr>
<tr>
<td>ACCT 444</td>
<td>Profit Management and Budgetary Control</td>
</tr>
<tr>
<td>ACCT 450</td>
<td>Financial Statement Analysis</td>
</tr>
<tr>
<td>ACCT 495</td>
<td>Accounting Internship II ¹</td>
</tr>
<tr>
<td>ACCT 449</td>
<td>Accounting Theory and Research</td>
</tr>
<tr>
<td>BSAD 306</td>
<td>Business Law</td>
</tr>
</tbody>
</table>

¹ ACCT 495 maximum of 3 credits can count towards the Accounting major and graduation requirements.

Grade Requirements
Accounting majors must achieve a grade of C- or above in all accounting courses, and a minimum 2.50 overall GPA in all courses applicable to the major.

Accounting, Minor
(Code 720-403)

This minor has been designed to provide a general understanding of accounting and its role in society.

The minor consists of 24 credits as follows:

<table>
<thead>
<tr>
<th>Required Accounting Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
</tr>
<tr>
<td>ACCT 202</td>
<td>Principles of Accounting</td>
</tr>
<tr>
<td>ACCT 301</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACCT 314</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>ACCT 321</td>
<td>Individual Federal Income Taxation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accounting Minor Electives - Select from the following:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 302</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACCT 313</td>
<td>Auditing</td>
</tr>
</tbody>
</table>
Audit and Control, Minor
(Code 720-405)

Twenty-seven semester credits, as follows:

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 301</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 302</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 313</td>
<td>Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 420</td>
<td>Fraud Investigation and Prevention</td>
<td>3</td>
</tr>
<tr>
<td>or ACCT 435</td>
<td>Advanced Accounting Systems and IT Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 430</td>
<td>Accounting Systems</td>
<td>3</td>
</tr>
<tr>
<td>IS 304</td>
<td>Fundamentals of Business Programming</td>
<td>3</td>
</tr>
<tr>
<td>IS 310</td>
<td>Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>IS 290</td>
<td>Introduction to Database Applications</td>
<td>3</td>
</tr>
<tr>
<td>or IS 344</td>
<td>Database Management Systems</td>
<td></td>
</tr>
<tr>
<td>CS 145</td>
<td>Programming for New Programmers</td>
<td>3-4</td>
</tr>
<tr>
<td>or CS 163</td>
<td>Introduction to Programming in C++</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: A 2.00 or higher GPA in courses counting toward the minor is required.

Note 2: We recommend students complete IS 304 prior to taking either CS programming course.

Business Finance, Comprehensive Major
(Code 800-000)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
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<tr>
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<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>2.00</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
</tbody>
</table>

Senior year

- Major, Standard, upper division in residence: 23 semester credits
- Major, Comprehensive, upper division in residence: 12 semester credits
- Certificate: 25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

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APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>
## Credit by Examination

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
</tbody>
</table>

## Two-Year College Credits

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USAFI</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

## Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**Skills Outcomes**

- One S2 to meet the University Mathematics Requirement (p. 50)
- One S3: Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experiences

**Responsibility Goal**

- Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences
- Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experiences
- Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experiences

**Integration Goal**

- Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**

- Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl) 30 hours

## College Degree Requirements

### Bachelor of Business Administration Degree Requirements

#### Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, including a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

### Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

### Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the
Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472). If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 800-000)

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

1. MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 449</td>
<td>Strategic Management in a Global Business Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 28

1. Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2. MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Business Finance Major

Sixty semester credits including the 28 credit BUSCORE plus 32 additional credits as follows:

Finance Foundation Courses 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 321</td>
<td>Financial Markets and Institutions</td>
<td>3</td>
</tr>
<tr>
<td>FIN 322</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 327</td>
<td>Long Term Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 328</td>
<td>Introduction to Derivative Securities</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Accounting Courses 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 202</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Finance Courses - Select from the following: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 325</td>
<td>International Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 326</td>
<td>Short Term Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 420</td>
<td>Corporate Valuation</td>
<td>3</td>
</tr>
<tr>
<td>FIN 424</td>
<td>Portfolio Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 425</td>
<td>Commercial Bank Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 426</td>
<td>Topics in Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 428</td>
<td>Advanced Derivative Securities</td>
<td>3</td>
</tr>
<tr>
<td>FIN 429</td>
<td>Advanced Wealth Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 439</td>
<td>Advanced Investment Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>

Accounting Electives and Finance Internship Electives - Select from the following: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 301</td>
<td>Intermediate Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 302</td>
<td>Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 312</td>
<td>Managerial Accounting 1</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 314</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 321</td>
<td>Individual Federal Income Taxation</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 423</td>
<td>Corporate, Partnership, and Other Entity Tax</td>
<td>3</td>
</tr>
<tr>
<td>FIN 395</td>
<td>Finance Internship I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 495</td>
<td>Finance Internship II 2</td>
<td>3</td>
</tr>
</tbody>
</table>

2. FIN 495 maximum of 3 credits can count towards the Business Finance major and graduation requirements.

Additional Required Courses 2

1. Credit may only be earned in either ACCT 312 or 314.
2. FIN 495 maximum of 3 credits can count towards the Business Finance major and graduation requirements.

Business Finance, Minor

(Code 800-401)

Twenty-eight semester credits, as follows:

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 202</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Minor Electives - Select from the following: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 321</td>
<td>Financial Markets and Institutions</td>
<td>3</td>
</tr>
<tr>
<td>FIN 322</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 325</td>
<td>International Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 326</td>
<td>Short Term Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 328</td>
<td>Introduction to Derivative Securities</td>
<td>3</td>
</tr>
<tr>
<td>FIN 424</td>
<td>Portfolio Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 425</td>
<td>Commercial Bank Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 28

1. Recommended courses: ECON 318, ACCT 401, MGMT 414, FIN 495
Business Communication
Schneider Social Science 404
715-836-4320
www.uwec.edu/bcom (https://www.uwec.edu/academics/college-business/departments-programs/business-communication)

The Business Communication Department offers a series of courses designed to develop written and oral communication skills for business purposes. These courses give students communication experience in a variety of business settings, prepare students to communicate in the workplace, and build a foundation for writing and speaking in other College of Business courses.

Business Writing (BCOM 206) and Business Presentations (BCOM 207) are the introductory business communication courses and are part of the BUSCORE. These courses prepare students to take advanced business communication courses, which offer students an opportunity to further strengthen, refine, and apply their business communication skills. Students must earn a C or above in BCOM 206 and BCOM 207 to meet College of Business requirements. Students who do not earn a C in BCOM 206 must repeat the course until they earn a C or better. Students who do not earn a C in BCOM 207 must repeat the course until they earn a C or better. After completing BCOM 206 and BCOM 207, students can take additional course work in business communication to earn the Advanced Business Communication Certificate. To earn the certificate, students must earn a B- or better in all courses counting toward the certificate.

Business Writing Fundamentals Program
The Business Writing Fundamentals Program is designed to ensure that students have the basic grammar skills needed to successfully complete BCOM 206 (Business Writing) as well as other COB courses. Completing this program is a requirement within the BCOM 206 course.

Department of Business Communication Scholarships
Refer to the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/scholarships) for an up-to-date listing of Business Communication scholarships, or contact the academic program director, Schneider 400F.

Faculty
Paula Lentz, Academic Program Director
Emily Elsner Twesme
Cynthia Hofacker
Bridget Kurtenbach
Marcy Leasum Orwig

Certificate
- Certificate: Advanced Business Communication (p. 462)

Advanced Business Communication, Certificate
(Code 765-601)
The Advanced Business Communication Certificate program is awarded to students who have completed course work in business communication and meet specific grade requirements. Students who earn the certificate will have the accomplishment noted on their official transcript.

Twelve semester credits in the following courses with a grade of B- or above: 12 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 306</td>
<td>Advanced Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 307</td>
<td>Advanced Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 308</td>
<td>Technology for Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 405</td>
<td>Advanced Business Communications</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 490</td>
<td>Internship in Business Communication</td>
<td>1-3</td>
</tr>
<tr>
<td>BCOM 491</td>
<td>Selected Topics in Business Communication</td>
<td>1-3</td>
</tr>
<tr>
<td>BCOM 495</td>
<td>Directed Studies</td>
<td>1-3</td>
</tr>
<tr>
<td>BCOM 499</td>
<td>Independent Study - Seniors</td>
<td>1-3</td>
</tr>
</tbody>
</table>

College of Business students may petition to count up to 3 credits of a communication-intensive course in the College of Business in their major toward the 12 credits earned for the certificate. Students need to earn a grade of B- or better in the course to count toward the certificate. The petition must be approved by the Business Communication Program Director prior to taking the course.

Contact the Business Communication Department (Schneider 404) for more information.

Information Systems
Schneider Social Science 404
715-836-4320
www.uwec.edu/is (https://www.uwec.edu/academics/college-business/departments-programs/information-systems)

Information Systems (IS) is the study of the development, management and application of computer information systems by businesses. IS graduates have a wide variety of excellent career prospects. Systems/business/data analyst, web services developer, application software developer, project manager, digital network manager, risk assurance professional, and database administrator are just a few of the prestigious and well-paid positions available.

The IS program is housed in the College of Business, allowing IS graduates to obtain a broad background in business concepts. This allows them to develop expertise in bridging the gap between business professionals and computer technologists. IS graduates develop important business knowledge and skills such as communication, teamwork and problem solving as well as technical knowledge and skills such as systems analysis and design, computer programming, database management, network management, and Web development.

The IS department offers a comprehensive major (61 credits, no minor required). The department also offers a minor (25 credits) and a certificate (12 credits).

Student Organizations
The IS department sponsors a student chapter of the Association of Information Technology Professionals (AITP) (https://www.facebook.com/AITPatUWEC).
Membership is open to all students interested in the study of information systems.

**Department of Information Systems Scholarships**

Refer to the College of Business website for an up-to-date listing of Department of Information Systems scholarships (http://www.uwec.edu/academics/college-business/academic-resources/scholarships), or contact the department at is@uwec.edu or 715-836-4320.

**Faculty**

Anthony Keys, Chair
Liqiang Chen
Thomas Hilton
Jean Pratt
Mark Staloch
Ruidong Zhang

**majors**

- Comprehensive Major: Information Systems - B.B.A. (p. 463)

**minors**

- Minor: Information Systems (p. 466)

**Certificates**


**Information Systems, Certificate**

(Code 832-601)

The Certificate in Information Systems is available to all students at UW-Eau Claire except IS majors and minors, for whom it would be redundant. It is designed to complement majors in every area of study without the investment required for a minor. The certificate documents a student's completion of coursework relating to IS issues in organizations.

All courses must be completed with a grade of C or above.

Twelve semester credits, as follows:

<table>
<thead>
<tr>
<th>Required Courses:</th>
<th>6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 240 Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>IS 310 Systems Analysis and Design</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective Group 1:</th>
<th>3-6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS 290 Introduction to Database Applications</td>
<td>3</td>
</tr>
<tr>
<td>IS 304 Fundamentals of Business Programming</td>
<td>3</td>
</tr>
<tr>
<td>IS 345 Networking with Client Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>IS 365 Information Assurance</td>
<td>3</td>
</tr>
<tr>
<td>IS 455 Project Management</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective Group 2:</th>
<th>0-3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 460 Accounting Information Systems and Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

1 Non-business majors are advised to select both electives from IS 290, IS 304, IS 345. Remaining electives have College of Business prerequisites.

Students operating under the 2015-2016 and subsequent catalogs will declare the IS certificate as part of their program of study. Other students will obtain an application form from the IS department office, Schneider 404, and return the completed application to that office by October 30 or March 30 of the semester in which they expect to complete the requirements. Shortly after final grades have been submitted to the Registrar, official certificates are mailed to successful applicants in January and June.

For more information on the IS Certificate program, contact the IS department.

**Information Systems, Comprehensive Major**

(Code 832-004)

**University Requirements**

**Graduation Requirements for Baccalaureate Degree**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 443</td>
<td>Process Simulation and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 338</td>
<td>Marketing Analytics and Technology</td>
<td>3</td>
</tr>
</tbody>
</table>
offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following:
- Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), or other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Credit by Examination</th>
<th>Two-Year College Credits</th>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum ¼ of total</td>
<td>maximum 72 credits</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1</td>
<td>course</td>
<td></td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2</td>
<td>courses</td>
<td></td>
<td>single course band, chorus, drama maximum 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>credits</td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
<td></td>
<td></td>
<td>Extension credits maxmum ¼ of total</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>no maximum</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**USAFI**

| **USAFI** | maximum 32 credits |

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Skills Goal</th>
<th>Responsibility Goal</th>
<th>Integration Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Goal</th>
<th>Skills Goal</th>
<th>Skills Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/013">http://catalog.uwec.edu/undergraduate/attribute-ddiv/013</a>)</td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

- Knowledge Goal
  - Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)
  - Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)
  - Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)
  - Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

- Skills Goal
  - Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)
  - Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)
  - Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)
  - Skills Outcome 4 (S4): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-s4)

- Responsibility Goal
  - Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)
  - Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)
  - Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)

- Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

• No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
• Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 832-004)

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

ECON 103 Principles of Microeconomics 3
ECON 104 Principles of Macroeconomics 3
MATH 109 Algebra for Calculus 4
MATH 246 Elementary Statistics 4

1 MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses

ACCT 201 Introduction to Accounting 3
BCOM 206 Business Writing 1 2
BCOM 207 Business Presentations 1 2
IS 240 Information Systems in Business 3
BSAD 300 Diversity in the Workplace 1
BSAD 305 Legal and Regulatory Environment 2
FIN 320 Principles of Finance 3
MKTG 330 Principles of Marketing 3
MGMT 340 Organizational Behavior 3
MGMT 341 Operations Management 3
MGMT 449 Strategic Management in a Global Business Environment 2 3

Total Credits 28

1 Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2 MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Information Systems Major
Sixty-one semester credits, including the 28 credit BUSCORE plus a minimum of 33 additional credits as follows:

Required Accounting course
ACCT 312 Managerial Accounting 3
ACCT 314 Cost Accounting 3
IS/Accounting and IS/Finance double majors may use ACCT 314. All others will take ACCT 312.

IS Core 18
IS 304 Fundamentals of Business Programming 3
IS 310 Systems Analysis and Design 3
IS 324 Object-Oriented Systems 3
IS 344 Database Management Systems 3
IS 345 Networking with Client Operating Systems 3
IS 460 Seminar in Information Systems 3

IS Electives 6-12
IS 314 Business Software Engineering
IS 365 Information Assurance
IS 420 Internship in Information Systems 1
IS 450 Distributed Systems Development
IS 455 Project Management

Other Electives 0-6
ACCT 460 Accounting Information Systems and Technology
ART 312 Digital Imaging and Design
BCOM 405 Advanced Business Communications
Information Systems, Minor
(Code 832-401)

Students minoring in Information Systems augment their major with organizational computing skills and knowledge that make them more proficient in their field, more attractive to potential employers, and more capable as citizens. The IS minor is available to all students at UW-Eau Claire except IS majors, for whom it would be redundant.

Twenty-five semester credits, as follows:

<table>
<thead>
<tr>
<th>Required courses</th>
<th>19</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCOM 206 Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207 Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>IS 240 Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>IS 290 Introduction to Database Applications</td>
<td>3</td>
</tr>
<tr>
<td>IS 304 Fundamentals of Business Programming</td>
<td>3</td>
</tr>
<tr>
<td>IS 310 Systems Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>IS 345 Networking with Client Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>IS Minor electives - Select from the following</td>
<td>6</td>
</tr>
<tr>
<td>ACCT 201 or ACCT 312 or ACCT 314 Introduction to Accounting or Managerial Accounting or Cost Accounting</td>
<td>2</td>
</tr>
<tr>
<td>CS 145 Programming for New Programmers</td>
<td>2</td>
</tr>
<tr>
<td>CS 163 Introduction to Programming in C++</td>
<td>2</td>
</tr>
<tr>
<td>CS 318 Fundamentals of Web Page Design</td>
<td>2</td>
</tr>
<tr>
<td>CS 319 Introduction to Web Programming</td>
<td>2</td>
</tr>
<tr>
<td>CS 320 Web Database Design and Implementation</td>
<td>2</td>
</tr>
<tr>
<td>CS 321 Web Design and Development</td>
<td>2</td>
</tr>
<tr>
<td>ECON 103 or ECON 104 Principles of Microeconomics or Principles of Macroeconomics</td>
<td>2</td>
</tr>
<tr>
<td>IS 314 Business Software Engineering</td>
<td>2</td>
</tr>
<tr>
<td>IS 324 Object-Oriented Systems</td>
<td>2</td>
</tr>
<tr>
<td>IS 365 Information Assurance</td>
<td>2</td>
</tr>
<tr>
<td>IS 455 Project Management</td>
<td>2</td>
</tr>
</tbody>
</table>

No more than three internship credits can count towards this major.

Management and Marketing

Schneider Social Science 400E
715-836-3677
www.uwec.edu/mgmtmktg

The Department of Management and Marketing offers comprehensive majors in Management, Marketing, International Business, and Health Care Administration, as well as a standard major in Business Administration. Within the Management major, specialized emphases are available in Human Resource Management, Operations and Supply Chain Management, and Entrepreneurship, in addition to the general Management option. The Marketing major offers emphases in Professional Sales and Marketing Analytics, in addition to the general Marketing option. The Health Care Administration major is targeted toward students preparing for careers in managing post-acute health care institutions.

The standard major in Business Administration is offered for those students interested in the flexibility of a major/minor or major/certificate program of study, particularly for those interested in a minor or certificate outside the College of Business. Many of the minors and certificates offered within the College of Business do not satisfy university academic concentration requirements (p. 50) when paired with the Business Administration major, and some minors (all of the Management minors, all of the Marketing minors, and the Business Administration minor) may not be paired with the Business Administration major. Please see the list of approved double major and major/minor combinations within a single department (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext) in the College of Business.

The department also offers five minors. The Business Administration minor provides a broad survey of business principles for non-business majors. Minors in Management, Marketing, and Entrepreneurship provide an opportunity for students to gain more focused study and are available to all students, including those with a major (other than the Business Administration major) in the College of Business. The International Business minor is also available to students in the College of Business and to students not in the College of Business who meet prerequisite requirements.

Major/Minor Combinations are allowed in the Department of Management and Marketing. See Major/Minor Combinations (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext).

All students earning the BBA degree with a major in Business Administration, Health Care Administration, International Business, Management (all emphases) or Marketing (all emphases) must complete the High Impact Practices (HIP) assessment during their last semester. The HIP assessment is administered electronically during the fall, spring, and summer terms.

Department of Management and Marketing Scholarships

Refer to the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/scholarships) for an up-to-date listing of Department of Management and Marketing scholarships, or contact the department chair, Schneider 400E.
Department Honors – Management and Marketing

The Management and Marketing Honors Program provides students within the Management and Marketing Department with opportunities for academic enrichment and challenge beyond usual course coverage and requirements. The program encourages and enables outstanding students to pursue high-level internships, collaborative research projects, and other high-impact projects. The program enhances students’ capacity for critical inquiry and independent learning, and develops their potential for leadership in the management, marketing, and health care administration professions. (Academic credit earned doing honors work in the Management and Marketing Honors program may also potentially count for students currently in the University Honors Program).

Participation in the Management and Marketing Honors Program is documented on the student’s university record. For more information, please contact Dr. Kristy Lauver, department chair of Management and Marketing.

Eligibility. Upper-class management, marketing, health-care administration, international business, or business administration majors with a resident, overall GPA of 3.75 or higher and major-specific GPA of 3.80 or higher.

Procedure. Eligible students will be sent information about the honors program during their sophomore year, including details on how to apply to the honors program.

Requirements. To graduate with Departmental Honors in Management and Marketing, students must achieve resident and overall GPAs of 3.75 or higher and major GPAs of 3.80 or higher, pass the final review by the Management and Marketing Honors committee indicating appropriate rigor in their Honors work, and successfully complete at least two of the following Honors experiences:

- Participate in substantial faculty/student collaborative research project
- Present the results of a research project at a regional, national, or international conference
- Design and execute, under the guidance of a department faculty member, a substantial professional project (e.g., for community members or agencies, or local companies), with substantial written report
- Undertake an approved management and marketing internship or health-care practicum and write an in-depth professional reflection paper
- Publication of a paper in a peer-reviewed journal
- Study abroad or participation in the National Student Exchange with completion of a related Honors project
- Other Honors projects approved by the department chair and the department Honors committee.

Faculty
Kristy Lauver, Chair

Longzhu Dong
Kranti Dugar
Robert Erffmeyer
Jennine Fox
Jessica Gardner
Daniel Gullifor
Kevin Hansen
Nancy Hanson-Rasmussen
Robert Heintz
Jennifer Johs-Artisensi
Kate Kim
Scott Lester

Majors

- Major: Business Administration - B.B.A. (p. 467)
- Comprehensive Major: Management, Entrepreneur Program Emphasis - B.B.A. (p. 482)
- Comprehensive Major: Management, Operations and Supply Chain Management Emphasis - B.B.A. (p. 490)
- Comprehensive Major: Management, Management Emphasis - B.B.A. (p. 487)
- Comprehensive Major: Marketing - B.B.A. (p. 493)
- Comprehensive Major: Marketing, Professional Sales Emphasis - B.B.A. (p. 498)
- Comprehensive Major: Marketing, Marketing Analytics Emphasis - B.B.A. (p. 495)
- Comprehensive Major: International Business - B.B.A. (p. 477)

Minors

- Minor: Business Administration (p. 470)
- Minor: Entrepreneurship (p. 471)
- Minor: Management (p. 490)
- Minor: Marketing (p. 498)
- Minor: International Business (p. 480)
- Minor: Military Leadership (p. 501)

Certificates

- Certificate: Leadership Studies (p. 481)
- Certificate: Entrepreneurship (p. 471)
- Certificate: International Business (p. 475)
- Certificate: Digital Marketing Analytics (p. 470)

Business Administration, Major

(Code 740-200)

(Code 740-201 online degree completion)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) ²

<table>
<thead>
<tr>
<th></th>
<th>Grade Point Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

| Minimum total        | 30                         |
| Total                | 30                         |
| Senior year          | 23                         |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate          | 25 percent of credits      |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDZ.WZ.UBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than 12 credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

| Credit Restrictions |
|---------------------|---------------------|
| Total degree credit | maximum 12           |
| Major, Standard     | maximum 1 course     |
| Major, Comprehensive| maximum 2 courses    |

**Credit by Examination**

| Total degree credit | maximum ¼ of total |
| Major or minor      | maximum ½ of total |

**Two-Year College Credits**

| Total degree credit | maximum 72 credits |

**Activity credit (band, chorus, drama, KINS 100-184)**

| Total KINS 100-184 | maximum 1 credit |
| Total Band, chorus, drama | maximum 12 credits |
| Single course band, chorus, drama | maximum 4 credits |

**Extension credits**

| UW-System          | no maximum           |
| Other extension/correspondence | maximum ¼ of total |

**USAFI**

| USAFI | maximum 32 credits |

**Liberal Education Core**

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**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Goal</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two learning experiences</td>
</tr>
</tbody>
</table>
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
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- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 740-200)

(Code 740-201 online degree completion)

The standard major in Business Administration is offered for those students interested in the flexibility of a major/minor or major/certificate program of study, particularly for those interested in a minor or certificate outside the College of Business. Many of the minors and certificates offered within the College of Business do not satisfy university academic concentration requirements (p. 50) when paired with the Business Administration major.

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus 1</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 109 or beyond, or competency to enter MATH 111</td>
<td></td>
</tr>
</tbody>
</table>

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing 1</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations 1</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>
Business Administration Major

Thirty-seven credits, including the 28-credit BUSCORE plus 9 additional credits as follows:

**Required Accounting Course**
- ACCT 312 Managerial Accounting 3

Select a minimum of six credits of BSAD electives from the following:
- BCOM 306 Advanced Business Writing
- BCOM 307 Advanced Business Presentations
- BCOM 405 Advanced Business Communications
- BSAD 180 Foundations for Success in Business
- BSAD 306 Business Law
- FIN 325 International Financial Management
- HCAD 101 Introduction to Health Services Administration
- IS 455 Project Management
- MGMT 300 Developing the Leader Within You
- MGMT 343 Supply Chain Management
- MGMT 344 Quantitative Methods for Management
- MGMT 345 Managing Global Organizations
- MGMT 347 Risk Management and Insurance
- MGMT 349 Human Resource Management
- MGMT 371 Introduction to Entrepreneurship
- MGMT 441 Service Operations Management
- MGMT 442 Production Planning and Control
- MGMT 445 Compensation Theory and Administration
- MGMT 446 Advanced Organizational Behavior
- MGMT 455 Industrial Relations
- MGMT 494 Topics in Leadership
- MKTG 332 Marketing Communications and Promotion Analysis
- MKTG 334 Marketing Research
- MKTG 335 International Marketing
- MKTG 336 Business Logistics Management
- MKTG 337 Professional Selling
- MKTG 338 Marketing Analytics and Technology
- MKTG 425 Marketing in Service Organizations
- MKTG 432 Retail Management
- MKTG 433 Sales Management
- MKTG 490 Advanced Sales Topics

**Total Credits** 28

1. Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2. MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

HIP Assessment

Business Administration majors must complete the High Impact Practices (HIP) assessment during their last semester.

*The Business Administration major is not available as part of a double major combination with any other College of Business major.*

Degree Completion

Program code 740-201 is intended as an online degree completion program for students transferring to UW-Eau Claire with a qualifying associate's degree that includes the major Proficiency Requirements among the associate degree coursework. Such students are able to complete the requirements of the Business Administration major via online course offerings. Students should consult with their advisor to identify a secondary area of study that can be completed online.

Business Administration, Minor

(Code 740-405)

Twenty-seven semester credits, as follows:

**SPDP Workshops and Major/Minor Combinations**

1. SPDP Workshops and Major/Minor Combinations.
   - All students pursing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.
   - The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, and Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

2. This minor is not available to College of Business majors.

**Required Courses:**
- ACCT 201 Introduction to Accounting 3
- ECON 103 Principles of Microeconomics 3
- ECON 104 Principles of Macroeconomics 3
- IS 240 Information Systems in Business 3
- MATH 246 Elementary Statistics 4
- BSAD 305 Legal and Regulatory Environment 2
- FIN 320 Principles of Finance 3
- MKTG 330 Principles of Marketing 3
- MGMT 340 Organizational Behavior 3

**Total Credits** 27

Digital Marketing Analytics, Certificate

(Code 840-601)
The Digital Marketing Analytics Certificate program is available to any UW-Eau Claire student. Completion of the certificate is noted on the student’s official transcript.

The Digital Marketing Analytics Certificate is an academic program, which includes the following requirements:

1. Digital Marketing Analytics Certificate course work. The following 12 credits of course work must be completed with a B or higher in each course.

   **Required Courses:**
   - MKTG 333 Digital Marketing 3
   - MKTG 338 Marketing Analytics and Technology 3
   - MKTG 332 Marketing Communications and Promotion Analysis 3
   - MKTG 334 Marketing Research 3
   - MKTG 432 Retail Management 3
   - MKTG 434 Advanced Marketing Analytics 3
   - MKTG 438 Marketing Management 3
   - MKTG 491 Selected Topics 3

   1 Each of these courses has prerequisites, which must be completed prior to course admission.

2. External Certifications

   Students must earn a minimum of 100 points from an approved list of external certification providers. Please consult with the department before commencing an external certification program.

3. Industry Experience

   Students must provide evidence of internship or work experience in digital marketing positions for either a profit or a non-profit organization while completing the BBA degree. Please see the Management & Marketing program website ([https://www.uwec.edu/academics/college-business/departments-programs/management-marketing/academic-offerings/majors-minors/marketing](https://www.uwec.edu/academics/college-business/departments-programs/management-marketing/academic-offerings/majors-minors/marketing)) for details.

4. UWEC Assessment Exit Exam

   Candidates for the Digital Marketing Analytics Certificate must pass the assessment exam at least four weeks before finals week in the semester of certificate completion. Students have a maximum of two attempts to pass the exit exam.

The Digital Marketing Analytics Certificate may not be combined with the standard Business Administration major. This certificate can be combined with other COB majors, including some Management and Marketing majors. Please see the list of approved major/minor combinations within a single department ([https://catalog.uwec.edu/undergraduate/business/#academicprogramstext](https://catalog.uwec.edu/undergraduate/business/#academicprogramstext)) that satisfy university academic concentration requirements (p. 50).

### Entrepreneurship, Minor

**Code 820-402**

**Minimum 29 semester credits, as follows:**

**Required Courses:**
- SPDP Workshops and Major/Minor Combinations 1, 2
- ACCT 201 Introduction to Accounting 3
- ECON 103 Principles of Microeconomics 3
- ECON 104 Principles of Macroeconomics 3
- IS 240 Information Systems in Business 3
- BSAD 305 Legal and Regulatory Environment 2-3 or BSAD 306 Business Law 3
- MKTG 330 Principles of Marketing 3
- MGMT 371 Introduction to Entrepreneurship 3
- MGMT 373 New Venture Feasibility 3
- MGMT 374 New Venture Start-Up and Growth 3
- MGMT 471 Business Plan Considerations and Drafting 3

**Total Credits** 29-30

1 The Entrepreneurship minor may not be combined with the standard Business Administration major. This minor can be combined with other COB majors, including some Management and Marketing majors. Please see the list of approved major/minor combinations within a single department ([https://catalog.uwec.edu/undergraduate/business/#academicprogramstext](https://catalog.uwec.edu/undergraduate/business/#academicprogramstext)) that satisfy university academic concentration requirements (p. 50).

2 **Student Professional Development Program.** All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus.** The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website ([http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program](http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program)).
Health Care Administration, Comprehensive Major

(Code 660-054)

University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Minimum total for graduation 1</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
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<tr>
<td><strong>Grade Point Requirements</strong> (p. 50) 2</td>
<td>Total 2.00 average</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Resident 2.00 average</td>
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</tr>
<tr>
<td></td>
<td>Major 2.00 average</td>
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</tr>
<tr>
<td></td>
<td>Minor 2.00 average</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Certificate 2.00 average</td>
<td></td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Total degree credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
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<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

Total degree credit maximum 72 credits

**Activity credit (band, chorus, drama, KINS 100-184)**

Total KINS 100-184 maximum 1 credit

Total Band, chorus, drama maximum 12 credits

Single course band, chorus, drama maximum 4 credits

**Extension credits**

UW-System no maximum

Other extension/correspondence maximum ¼ of total

USAFI

USAFI maximum 32 credits

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

a minimum of 36 credits
## Knowledge Goal

| Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) | Two (2) learning experiences |
| Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) | Two (2) learning experiences |
| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |
| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |

One experience in laboratory science must be selected from either K1 or K2.

One S1 must meet the University Writing Requirement (p. 49).

One S2 to meet the University Mathematics Requirement (p. 50).

One S3 to meet the University Writing Requirement (p. 49).

Skills Goal

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) | Two (2) learning experiences |
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) | One (1) learning experience |

One S2 to meet the University Mathematics Requirement (p. 50).

| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) | One (1) learning experience |

Skills Outcome 2 (S2) and Skills Outcome 3 (S3) must be completed prior to registration for those courses.

Responsibility Goal

| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) | Two (2) learning experiences |
| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) | One (1) learning experience |
| Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) | One (1) learning experience |

Responsibility Outcome 1 (R1) must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13).

Integration Goal

| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) | Two (2) learning experiences |

Service-Learning Goal

| Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) | 30 hours |

### College Degree Requirements

#### Bachelor of Business Administration Degree Requirements

#### Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

#### Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

#### Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

#### Practicum

Following satisfactory completion of all required campus-based courses, including Liberal Education, the student is eligible for enrollment in the practicum.

The practicum, consisting of 50 weeks in an affiliated health care institution, is started at the beginning of the summer session. Students are enrolled at UW-Eau Claire for the courses taken while at affiliated institutions and pay full fees to the University. Students in the practicum receive a provider-sponsored stipend.

Positions for practicum experience are highly competitive. The University does not guarantee placement in the practicum but does aid the student in every way possible. Since academic achievement plays a part in selection of students for the practicum, resident and total GPAs above the 2.75 minimum are recommended. Application to practicum positions occurs one year prior to the practicum starting date.

- Competent in a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.
Admission Requirements

Admission to the Health Care Administration Program

Students intending to major in Health Care Administration should indicate their area of interest when they apply to the University so they may be admitted as “Pre-Health Care Administration.” Students may declare “Pre-Health Care Administration” at any time, but must formally apply for acceptance into the Health Care Administration program. The deadlines for filing applications to the Health Care Administration program are posted each semester in October and March, following group information/application meetings. In order to be considered for admission to the Health Care Administration Program, the student must:

1. be declared as Pre-Health Care Administration.
2. complete all application materials (essay, application, proposed degree plan with desired practicum cohort year).
3. have a resident and total GPA of at least 2.75.

Other data that may be utilized by the HCAD Admissions Committee include high school rank in class, previous collegiate records, and standardized tests such as ACT or SAT.

Enrollment in this program is limited and competitive. Students who are not admitted may reapply for a future cohort year assignment, or may consider an alternative course of study.

Practicum Cohort

At the time of admission to the program, students are assigned to the practicum cohort for a specific year. Application to specific practicum sites occurs the year prior to placement, and there is a competitive application process for practicum sites among admitted students. More information about this process may be found on the Health Care Administration program website (http://www.uwec.edu/academics/college-business/departments-programs/management-marketing/academic-offerings/majors-minors/health-care-administration.cfm). Even if placed at a practicum site, students must meet academic standing requirements and have completed all non-practicum course work before being allowed to move forward. If the student’s degree plan changes such that more time is required to complete non-practicum course requirements, students may be reassigned to a future cohort.

Transferring Students

Any student anticipating transfer to UW-Eau Claire for the Health Care Administration Program is urged to consult the university Admissions Office as early as possible for information about GPA and course requirements for admission and for the degree requirements. Official review of the student’s academic record is made by the Admissions Office. Transfer students may declare Pre-Health Care Administration when transferring, or may apply for acceptance into the Health Care Administration program as described above prior to transferring to the university.

Student Background Check and Health Requirements

State law requires background checks on all students placed at the clinical practicum sites. All students accepted into the program must complete the Wisconsin Department of Health and Family Services Background Information Disclosure, as well as a release for a Wisconsin Department of Justice Criminal Background Check. Non-resident students must also have background checks completed in their state of residence. Additional information regarding the Wisconsin Caregiver Program can be obtained from the Wisconsin Department of Health Services website (https://www.dhs.wisconsin.gov/caregiver).

Within 90 days prior to beginning the practicum experience, the student must have a physical exam to provide evidence that the student is free from infectious disease and evidence of a TB skin test. A chest X-ray is required if the TB skin test is positive. It is also recommended that students be vaccinated annually against influenza. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, and background checks are current.

All expenses associated with background checks and health requirements are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers’ compensation insurance does not cover students while engaged in clinical practice. For example, if a student suffers a needle stick or is hurt while in practicum, they will need personal health insurance to cover medical bills.

Readmission to the Health Care Administration Program

Students who withdraw from the program and wish to return for completion must send a letter requesting readmission to the Management and Marketing department at least three months in advance of the desired readmission date.

Applicants must meet the current admission requirements of the Health Care Administration program. Consideration will be given to the length of absence, the student’s ability to achieve, and availability of space in the student’s desired practicum cohort. If readmission to the program is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

Termination from Program

A student may be terminated from the Health Care Administration program for any of the following reasons:

1. Failure to maintain good academic standing.
2. Failure to demonstrate the potential for consistently safe, responsible, and ethical professional practice.
3. Likelihood that a student’s condition, presentation, or prior experience will adversely affect the student, other persons, the University, an agency or site used for practicum, or the patients or residents served.

If a student demonstrates deficiencies during the practicum experience that the faculty or practicum supervisor determine to be clearly unsafe or unprofessional behavior, the student will be immediately removed from the practicum situation.

A student who has been notified of termination from the program may appeal for reinstatement. This policy applies to termination from the Health Care Administration program only. A student’s status within the University remains subject to University academic standing policies.

Costs

Health Care Administration is a professional discipline, and students enrolled in the program must anticipate some additional costs that are directly related to the Health Care Administration program. These include textbooks, health requirements, technology costs (e.g. laptop and internet access), and transportation and lodging associated with the practicum experience and learning modules.

Major Requirements

(Code 660-054)
The Health Care Administration program at UW-Eau Claire offers bright and committed students the opportunity to work with faculty who are dedicated to preparing leaders in a wide variety of health care organizations and to the individual development of each student. The goal is to prepare students to make a positive difference in the lives of others by joining efficient management practices with dedication to service.

This program focuses on the post-acute care continuum of health care institutions and services. For students who want to enter the acute care sector (hospitals), this program has proven an excellent preparation for the graduate education required.

All Health Care Administration students complete a 12-month practicum experience at one of the many affiliated health care facilities in Wisconsin, Minnesota, Illinois, and Iowa. Graduates are thereby ready upon graduation to begin performing as leaders and managers in health care. The Health Care Administration program is HSE-accredited by the National Association of Long Term Care Administrator Boards (NAB). Graduates of the Health Care Administration Program are eligible to take the Wisconsin, Minnesota, and 22 other states’ licensure examinations for Nursing Home Administrators (NHA). Most other states accept graduates from this program for licensure on an individual review basis.

Scholarships. Several scholarships are available to students in the Health Care Administration major. Additional information may be obtained from the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/scholarships) or by visiting the Financial Aid website (http://www.uwec.edu/finaid/scholarships).

Health Care Administration major proficiency requirements
Proficiency requirements include basic prerequisite courses and/or competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 196</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

NOTE: The university service-learning requirement is satisfied within the required practicum experience.

Requirements of the Health Care Administration major
Core Courses Related to Administration 28 Credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>HCAD 375</td>
<td>Fundamentals of Health Care Finance</td>
<td>3</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
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<td>MGMT 349</td>
<td>Human Resource Management</td>
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<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
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Core Courses Related to Health Care 17 credits

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<tr>
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<tr>
<td>ECON 280</td>
<td>Health Economics</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 220</td>
<td>The Language of Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HCAD 101</td>
<td>Introduction to Health Services</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 201</td>
<td>Overview of the U.S. Health System</td>
<td>3</td>
</tr>
<tr>
<td>HCAD 222</td>
<td>Multidisciplinary Perspectives on Aging</td>
<td>3</td>
</tr>
<tr>
<td>HCAD 301</td>
<td>Foundations of Quality Management</td>
<td>3</td>
</tr>
<tr>
<td>HCAD 302</td>
<td>Leadership and Management Practices</td>
<td>3</td>
</tr>
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</table>

Health Care Administration Practicum 31 credits

Summer Session
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HCAD 400</td>
<td>Fundamental Field Experience Skills I</td>
<td>3</td>
</tr>
<tr>
<td>HCAD 420</td>
<td>Fund Health Care Management Competencies</td>
<td>3</td>
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Fall Semester
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>HCAD 401</td>
<td>Fundamental Field Experience Skills II</td>
<td>6</td>
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<tr>
<td>HCAD 403</td>
<td>Resident Service Management</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 404</td>
<td>Quality Management in Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 405</td>
<td>Health Services Human Resources</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 421</td>
<td>Health Care Admin Prof Development</td>
<td>3</td>
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</tbody>
</table>

Winterim
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCAD 413</td>
<td>Health Care Rules and Regulations</td>
<td>1</td>
</tr>
</tbody>
</table>

Spring Semester
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCAD 402</td>
<td>Fundamental Field Experience Skills III</td>
<td>6</td>
</tr>
<tr>
<td>HCAD 406</td>
<td>Information Use and Systems</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 407</td>
<td>Financial Management in Health Care</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 408</td>
<td>Marketing and Public Relations in Health Services</td>
<td>1</td>
</tr>
<tr>
<td>HCAD 422</td>
<td>Strategic Health Care Leadership Practices</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum grade and GPA requirement
• Students must earn a C or higher in BCOM 206 and BCOM 207.
• Students must complete all required courses for the major with a grade of C- or above.
• Overall GPA must be at least 2.75.
• No course required for the degree in health care administration may be taken on a satisfactory/unsatisfactory basis (except for HCAD 400 and HCAD 401).

HIP Assessment
Health Care Administration majors must complete the High Impact Practices (HIP) assessment during their last semester.

International Business, Certificate
(Code 740-610)

The Certificate in International Business is designed to enhance the bachelor’s degree for any student at UW-Eau Claire. Students for whom studying abroad or an international internship are not options can complete
the 12-credit certificate and add valuable insights into the global business environment.

The Certificate was designed by participating faculty in the UW-Eau Claire College of Business, the Business Advisory Council, and the International Business Advisory Council. It is designed to complement the UW-Eau Claire Global Studies minor and to enhance all majors at UW-Eau Claire.

**International Business Certificate Requirements**

Twelve semester credits, as follows:

**Required - Complete the following three courses with minimum 2.75 GPA:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 335</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 345</td>
<td>Managing Global Organizations</td>
<td>3</td>
</tr>
<tr>
<td>or MGMT 447</td>
<td>Cross Cultural Leadership</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses - A minimum of three credits from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 351</td>
<td>Cross-Cultural Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 355</td>
<td>Peoples of Africa</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 422</td>
<td>Anthropology of Law</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 463</td>
<td>Religion and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANTH/WGSS 356</td>
<td>Women in Cross-Cultural Perspective</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 112</td>
<td>Survey: Renaissance to 20th Century Art</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 315</td>
<td>International Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 491</td>
<td>Selected Topics in Business</td>
<td>3</td>
</tr>
<tr>
<td>CJ 301</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>CJ 319</td>
<td>International Communication</td>
<td>3</td>
</tr>
<tr>
<td>ECON 351</td>
<td>International Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
<td>3</td>
</tr>
<tr>
<td>ECON 355</td>
<td>Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Western Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Geography of Russia and Eastern Europe</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 319</td>
<td>Geography of the Middle East and North Africa</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 321</td>
<td>Geography of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 366</td>
<td>Geography International Immersion Experience</td>
<td>3</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
<td>3</td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
<td>3</td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of World War II</td>
<td>3</td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
<td>3</td>
</tr>
</tbody>
</table>

The International Business certificate may not be combined with the standard Business Administration major. This certificate can be combined with other COB majors, including some Management and Marketing majors. Please see the list of approved major/minor combinations within a single department (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext) that satisfy university academic concentration requirements (p. 50).
University of Wisconsin-Eau Claire | 2019-2020 Catalog

International Business, Comprehensive Major
(Code 850-001)

University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Credit requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

A minimum of 36 credits
College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 850-001)

The International Business major is an interdisciplinary program. The major includes an international experience requirement that may be satisfied by taking an approved upper-division business course taken at a study abroad site, completing an international internship, or an internationally-oriented internship with a company located in the United States. International Business students are strongly encouraged to consider a double major in a functional business area such as management, marketing, information systems, accounting, or finance.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>
MATH 109  Algebra for Calculus 1 4
MATH 246  Elementary Statistics 4

1  MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

<table>
<thead>
<tr>
<th>BUSCORE Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201 Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206 Business Writing 1</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207 Business Presentations 1</td>
<td>2</td>
</tr>
<tr>
<td>IS 240 Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300 Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305 Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320 Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341 Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 449 Strategic Management in a Global Business Environment 2</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 28

1  Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2  MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the International Business Major
Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 312 Managerial Accounting 1</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 345 Managing Global Organizations 2</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 335 International Marketing 2</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 447 Cross Cultural Leadership</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following: 6

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 325 International Financial Management</td>
<td></td>
</tr>
<tr>
<td>ECON 351 International Economics</td>
<td></td>
</tr>
<tr>
<td>ECON 353 Economics of Pacific Asia</td>
<td></td>
</tr>
<tr>
<td>ECON 355 Economic Development</td>
<td></td>
</tr>
<tr>
<td>ECON/LAS 356 Economic Development of Latin America</td>
<td></td>
</tr>
</tbody>
</table>

Required Upper Division Foreign Language Course 3-4
Minimum of 3 credits of foreign language at 300 or 400 level 3

International Business Electives - Select from the following 10-11

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 405 International Accounting</td>
<td></td>
</tr>
<tr>
<td>ANTH/AIS 161 Introduction to Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>ANTH/GEOG 313 Culture and Transnational Dynamics</td>
<td></td>
</tr>
<tr>
<td>ANTH 315 Language in Culture and Society</td>
<td></td>
</tr>
<tr>
<td>ANTH 463 Religion and Culture</td>
<td></td>
</tr>
<tr>
<td>BSAD 315 International Business Law</td>
<td></td>
</tr>
<tr>
<td>BSAD 398 Internship Program 1 3</td>
<td></td>
</tr>
<tr>
<td>BSAD 491 Selected Topics in Business</td>
<td></td>
</tr>
<tr>
<td>CJ 301 Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>CJ/WGSS 317 Diversity &amp; Communication: Organizational &amp; Media Contexts</td>
<td></td>
</tr>
<tr>
<td>CJ 319 International Communication</td>
<td></td>
</tr>
<tr>
<td>ECON 351 International Economics</td>
<td></td>
</tr>
<tr>
<td>ECON 353 Economics of Pacific Asia</td>
<td></td>
</tr>
<tr>
<td>ECON 355 Economic Development</td>
<td></td>
</tr>
<tr>
<td>ECON/LAS 356 Economic Development of Latin America</td>
<td></td>
</tr>
<tr>
<td>ECON 390 Global Economics Immersion Experience</td>
<td></td>
</tr>
<tr>
<td>FREN 340 Professional Communication</td>
<td></td>
</tr>
<tr>
<td>FREN 355 Contemporary French Civilization</td>
<td></td>
</tr>
<tr>
<td>GEOG 111 Human Geography</td>
<td></td>
</tr>
<tr>
<td>GEOG 301 Geography of Western Europe</td>
<td></td>
</tr>
<tr>
<td>GEOG 308 Geography of Russia and Eastern Europe</td>
<td></td>
</tr>
<tr>
<td>GEOG 319 Geography of the Middle East and North Africa</td>
<td></td>
</tr>
<tr>
<td>GEOG 321 Geography of Latin America</td>
<td></td>
</tr>
<tr>
<td>GEOG/AIS 322 Native Geographies</td>
<td></td>
</tr>
<tr>
<td>GEOG 366 Geography International Immersion Experience</td>
<td></td>
</tr>
<tr>
<td>GEOG 369 Geography of Food</td>
<td></td>
</tr>
<tr>
<td>GEOG/ENV 378 International Environmental Problems and Policy</td>
<td></td>
</tr>
<tr>
<td>GEOG 446 Political Geography</td>
<td></td>
</tr>
<tr>
<td>GERM 315 German for Professional Communication I</td>
<td></td>
</tr>
<tr>
<td>HIST 124 World History to 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 125 World History Since 1500</td>
<td></td>
</tr>
<tr>
<td>HIST 284 The Nazis and Germany, 1914-1945</td>
<td></td>
</tr>
<tr>
<td>HIST 286 History of World War II</td>
<td></td>
</tr>
<tr>
<td>HIST 292 Origins of Current World Conflicts</td>
<td></td>
</tr>
<tr>
<td>HIST 304 Greek Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST 306 Roman Civilization</td>
<td></td>
</tr>
<tr>
<td>HIST/LAS 311 Latin America Since Independence</td>
<td></td>
</tr>
<tr>
<td>HIST/WGSS 313 Gender, Sex, and Science in European History</td>
<td></td>
</tr>
<tr>
<td>HIST 315 The Age of Reformation</td>
<td></td>
</tr>
<tr>
<td>HIST 318 Studies in the History of European and Mediterranean Worlds</td>
<td></td>
</tr>
<tr>
<td>HIST 319 Studies in Comparative, Transnational and Pacific World History</td>
<td></td>
</tr>
<tr>
<td>HIST 326 Twentieth Century Europe, 1900 to Present</td>
<td></td>
</tr>
<tr>
<td>HIST 360 Modern France</td>
<td></td>
</tr>
<tr>
<td>HIST 362 Modern Germany</td>
<td></td>
</tr>
<tr>
<td>HIST 375 Twentieth Century Russia</td>
<td></td>
</tr>
</tbody>
</table>
course requirements shown above, or may count as an elective in the International Business major.

International Business, Minor
(Code 740-411)

The International Business Minor is designed to enable students to enhance their perspective of the business environment as a global, rather than local, enterprise. Completion of the minor adds value to any major at UW-Eau Claire.

The minor requires foreign language competence at the 201 level. Advanced business courses taken during a study abroad semester will replace the directed study or independent study options listed below.

The minor consists of 24 semester credits, as follows:

Major/Minor Combinations and Grade Requirement

<table>
<thead>
<tr>
<th>Required Courses:</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 345</td>
<td>Managing Global Organizations</td>
</tr>
<tr>
<td>MKTG 335</td>
<td>International Marketing</td>
</tr>
<tr>
<td>MGMT 447</td>
<td>Cross Cultural Leadership</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Economics Course - Select one of the following:</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 351</td>
<td>International Economics</td>
</tr>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
</tr>
<tr>
<td>ECON 355</td>
<td>Economic Development</td>
</tr>
<tr>
<td>ECON/LAS 356</td>
<td>Economic Development of Latin America</td>
</tr>
<tr>
<td>FIN 325</td>
<td>International Financial Management</td>
</tr>
</tbody>
</table>

Foreign Language Competency Requirement

Students may choose to either take a 201 or higher level foreign language course as part of their minor electives or test out of a foreign language at the 201 level or higher.

Elective Courses - Select from the following

<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to four credits of foreign language at the 201 level or higher</td>
<td></td>
</tr>
<tr>
<td>ACCT 405</td>
<td>International Accounting</td>
</tr>
<tr>
<td>AIS/ANTH 161</td>
<td>Introduction to Cultural Anthropology</td>
</tr>
<tr>
<td>ANTH/GEOG 313</td>
<td>Culture and Transnational Dynamics</td>
</tr>
<tr>
<td>ANTH 315</td>
<td>Language in Culture and Society</td>
</tr>
<tr>
<td>ANTH 463</td>
<td>Religion and Culture</td>
</tr>
<tr>
<td>BSAD 315</td>
<td>International Business Law</td>
</tr>
<tr>
<td>BSAD 398</td>
<td>Internship Program I</td>
</tr>
<tr>
<td>BSAD 491</td>
<td>Selected Topics in Business</td>
</tr>
<tr>
<td>CJ 301</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>CJ/WGSS 317</td>
<td>Diversity &amp; Communication: Organizational &amp; Media Contexts</td>
</tr>
<tr>
<td>CJ 319</td>
<td>International Communication</td>
</tr>
<tr>
<td>ECON 351</td>
<td>International Economics</td>
</tr>
<tr>
<td>ECON 353</td>
<td>Economics of Pacific Asia</td>
</tr>
<tr>
<td>ECON 355</td>
<td>Economic Development</td>
</tr>
<tr>
<td>ECON/LAS 356</td>
<td>Economic Development of Latin America</td>
</tr>
<tr>
<td>ECON 390</td>
<td>Global Economics Immersion Experience</td>
</tr>
<tr>
<td>FREN 340</td>
<td>Professional Communication</td>
</tr>
</tbody>
</table>

IBE Requirement

Students must complete an international business experience (IBE) in order to graduate with the International Business major. This requirement may be met by completing one of the following:

1. Complete an approved three-credit International Business Internship at an overseas location, or domestically with a small or large business engaged in international operations that allows the content of the internship to be international. The completion of an internship will include a written report as specified by the International Business advisor. Students must complete the internship application form for their internship in order to have the experience approved. The internship may count for up to three credits of International Business major elective (BSAD 398).

2. Complete an approved three-credit Upper Division Business course at a study abroad site. This course may satisfy one of the major
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 355</td>
<td>Contemporary French Civilization</td>
</tr>
<tr>
<td>GEOG 111</td>
<td>Human Geography</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Western Europe</td>
</tr>
<tr>
<td>GEOG 308</td>
<td>Geography of Russia and Eastern Europe</td>
</tr>
<tr>
<td>GEOG 319</td>
<td>Geography of the Middle East and North Africa</td>
</tr>
<tr>
<td>GEOG 321</td>
<td>Geography of Latin America</td>
</tr>
<tr>
<td>GEOG/AIS 322</td>
<td>Native Geographies</td>
</tr>
<tr>
<td>GEOG 366</td>
<td>Geography International Immersion Experience</td>
</tr>
<tr>
<td>GEOG 369</td>
<td>Geography of Food</td>
</tr>
<tr>
<td>GEOG/ENV 378</td>
<td>International Environmental Problems and Policy</td>
</tr>
<tr>
<td>GEOG 446</td>
<td>Political Geography</td>
</tr>
<tr>
<td>GERM 315</td>
<td>German for Professional Communication I</td>
</tr>
<tr>
<td>HIST 124</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>HIST 125</td>
<td>World History Since 1500</td>
</tr>
<tr>
<td>HIST 284</td>
<td>The Nazis and Germany, 1914-1945</td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of World War II</td>
</tr>
<tr>
<td>HIST 292</td>
<td>Origins of Current World Conflicts</td>
</tr>
<tr>
<td>HIST 304</td>
<td>Greek Civilization</td>
</tr>
<tr>
<td>HIST 306</td>
<td>Roman Civilization</td>
</tr>
<tr>
<td>HIST/LAS 311</td>
<td>Latin America Since Independence</td>
</tr>
<tr>
<td>HIST/WGSS 313</td>
<td>Gender, Sex, and Science in European History</td>
</tr>
<tr>
<td>HIST 315</td>
<td>The Age of Reformation</td>
</tr>
<tr>
<td>HIST 318</td>
<td>Studies in the History of European and Mediterranean Worlds</td>
</tr>
<tr>
<td>HIST 319</td>
<td>Studies in Comparative, Transnational and Pacific World History</td>
</tr>
<tr>
<td>HIST 326</td>
<td>Twentieth Century Europe, 1900 to Present</td>
</tr>
<tr>
<td>HIST 360</td>
<td>Modern France</td>
</tr>
<tr>
<td>HIST 362</td>
<td>Modern Germany</td>
</tr>
<tr>
<td>HIST 375</td>
<td>Twentieth Century Russia</td>
</tr>
<tr>
<td>HIST 376</td>
<td>World War I and II Military</td>
</tr>
<tr>
<td>HIST 381</td>
<td>Comparative Genocide</td>
</tr>
<tr>
<td>HIST 382</td>
<td>Imperialism Since 1800</td>
</tr>
<tr>
<td>HIST 383</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>HIST 384</td>
<td>The Vietnam War</td>
</tr>
<tr>
<td>HIST/WGSS 385</td>
<td>The History of Middle Eastern Muslim Women</td>
</tr>
<tr>
<td>HIST 388</td>
<td>History of China</td>
</tr>
<tr>
<td>HIST 389</td>
<td>History of Japan</td>
</tr>
<tr>
<td>HIST 393</td>
<td>Roots of Selected Contemporary World Problems</td>
</tr>
<tr>
<td>INTB 361</td>
<td>International Experience in India</td>
</tr>
<tr>
<td>INTB 362</td>
<td>International Experience in China</td>
</tr>
<tr>
<td>MGMT 363</td>
<td>International Logistics and Supply Chain Management</td>
</tr>
<tr>
<td>PHIL 234</td>
<td>Classical Chinese Philosophy</td>
</tr>
<tr>
<td>POLS 122</td>
<td>Introduction to World Politics</td>
</tr>
<tr>
<td>POLS 260</td>
<td>Introduction to Comparative Politics</td>
</tr>
<tr>
<td>POLS 321</td>
<td>Politics of the Middle East</td>
</tr>
<tr>
<td>POLS 322</td>
<td>Politics of Russia</td>
</tr>
<tr>
<td>POLS 323</td>
<td>Politics of Eastern Europe</td>
</tr>
<tr>
<td>POLS 327</td>
<td>Politics of Continental Europe</td>
</tr>
<tr>
<td>POLS 390</td>
<td>Culture and Politics</td>
</tr>
<tr>
<td>RELS 100</td>
<td>Introduction to the Religions of the World</td>
</tr>
<tr>
<td>RELS 110</td>
<td>Basic Issues in Religion</td>
</tr>
<tr>
<td>RELS 210</td>
<td>Religion and Morality</td>
</tr>
<tr>
<td>RELS 307</td>
<td>Judaism</td>
</tr>
<tr>
<td>RELS 323</td>
<td>Chinese and Japanese Religions</td>
</tr>
<tr>
<td>SPAN 340</td>
<td>Spanish for Business</td>
</tr>
</tbody>
</table>

1. The International Business minor may not be combined with the standard Business Administration major. This minor can be combined with other COB majors, including some Management and Marketing majors. Please see the list of approved major/minor combinations within a single department (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext) that satisfy university academic concentration requirements (p. 50).

2. Students minoring in International Business must earn a C- or better in MGMT 345, MKTG 335, and MGMT 447.

3. Electives may include at most one course per discipline. At least six of the twelve elective credits must be 300- or 400-level courses.

### Leadership Studies, Certificate

(CODE 820-601)

The **Leadership Studies Certificate** is an academic program, which includes the following requirements:

1. **Leadership Certificate course work.** The following 12 credits of course work must be completed with a B- or higher GPA:

   **Required Courses:**
   - MGMT 300 Developing the Leader Within You - 3 credits
   - MGMT 340 Organizational Behavior - 3 credits

   **Certificate Electives - Select from the following**
   - MGMT 446 Advanced Organizational Behavior - 3 credits
   - MGMT 447 Cross Cultural Leadership - 3 credits
   - MGMT 494 Topics in Leadership - 3 credits
   - CJ 407 Leadership Communication - 3 credits
   - HCAD 302 Leadership and Management Practices in Health Services - 3 credits
   - MSL 101 Leadership and Personal Development - 3 credits
   - MSL 102 Introduction to Tactical Leadership - 3 credits
   - MSL 201 Innovative Team Leadership - 3 credits
   - MSL 202 Foundations of Tactical Leadership - 3 credits

   With at most 3 credits from MSL 101, MSL 102, MSL 201, MSL 202

2. **Leadership Experience.** Students must provide evidence of bona fide leadership experience while completing the BBA degree. This is done by submitting a résumé that outlines the student’s leadership positions and experiences, briefly explaining responsibilities and accomplishments in each case, and submitting a letter of recommendation from an
organization advisor, board member (non-student), or other supervisor. The letter of recommendation must specifically attest to the leadership requirements of the position held, and give specific examples of the leadership skills demonstrated by the student. **Generic, employment-related letters of reference will not be accepted.**

3. **Leadership Reflection Paper.** Candidates for the Leadership Studies Certificate must submit a paper that reflects on the leadership experience documented by the resume and letter of recommendation described above. The paper should be five to seven pages in length, double-spaced, and in 12-point font. The suggested outline for the paper is as follows:
   - A description of the leadership experience
   - Self-evaluation of your strengths and weakness as a leader during these experiences
   - Strategies and tactics for improving on your weaknesses and capitalizing on your strengths as a leader
   - Evaluation of how your leadership course work relates to your leadership experiences

The leadership resume, recommendation, and reflection paper are to be submitted through an eform (https://www.uwec.edu/kb/article/student-forms-experience-for-leadership-studies-program).

The Leadership Studies certificate may not be counted as the secondary area of academic concentration when combined with the Business Administration major. This certificate can be combined with other COB majors, including some Management and Marketing majors. Please see the list of approved major/minor combinations within a single department (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext) that satisfy university academic concentration requirements (p. 50).

### Management, Entrepreneur Program Emphasis, Comprehensive Major

*(Code 820-002)*

#### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Total</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>1</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements</strong> (p. 50)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
<td></td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
<td></td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Residency Grade Point Average</th>
<th>25 percent of credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

#### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDZWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses).** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following:

- Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

#### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Satisfactory/Unsatisfactory</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td><strong>Credit by Examination</strong></td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>
Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>4 credits</td>
</tr>
<tr>
<td>Extension credits</td>
<td>None</td>
</tr>
<tr>
<td>UW-System</td>
<td>No maximum</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
<td>¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)

30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.
• No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
• Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 820-002)
The program offers a unique learning experience for students who aspire to either start their own business or secure employment in a growth-oriented business. The program helps students to identify viable career options in entrepreneur/entrepreneur environments, to expand conceptual and creative approaches to the entrepreneurial process, and to develop a repertoire of venture management skills. "Hands on" experiences with many guest speakers, field trips, and special projects are emphasized. The students expand their creativity into a viable business plan that is the major project for the program. The program combines formal education with practical applications to develop skills in leadership, needs assessment, opportunity identification, resource development, strategic thinking, and risk taking. The ultimate goal of the program is to give the student an in-depth broad-based and practical education on the foundation of entrepreneurship.

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

- ECON 103 Principles of Microeconomics 3
- ECON 104 Principles of Macroeconomics 3
- MATH 109 Algebra for Calculus 4
- MATH 246 Elementary Statistics 4

1 MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 449</td>
<td>Strategic Management in a Global Business Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 28

Requirements for the Entrepreneur Emphasis
Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 312</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 306</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 371</td>
<td>Introduction to Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 373</td>
<td>New Venture Feasibility</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 374</td>
<td>New Venture Start-Up and Growth</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 471</td>
<td>Business Plan Considerations and Drafting</td>
<td>3</td>
</tr>
</tbody>
</table>

Entrepreneur Program Electives - Select from the following: 14

- MGMT 342 Quality Management
- MGMT 343 Supply Chain Management
- MGMT 344 Quantitative Methods for Management
- MGMT 347 Risk Management and Insurance
- MGMT 349 Human Resource Management
- MGMT 363 International Logistics and Supply Chain Management
- MGMT 398 Internship Program I
- MGMT 414 Small Business Consulting
- MGMT 461 Lean Manufacturing Systems and Concepts
- MGMT 447 Cross Cultural Leadership
- BSAD 180 Foundations for Success in Business
- MKTG 334 Marketing Research
- MKTG 337 Professional Selling
- MKTG 372 Advanced Marketing for Entrepreneurs
- MKTG 425 Marketing in Service Organizations

HIP Assessment
Management majors with Entrepreneur program emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Management, Human Resource Management (HRM) Emphasis, Comprehensive Major
(Code 820-003)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation 1</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. .50) 2

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
<th>2.00 average</th>
</tr>
</thead>
</table>

1 Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2 MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.
1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Senior College or Two-Year College Credits. A maximum of 72 semester credits earned in a senior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION
Credit Restrictions
Satisfactory/Unsatisfactory

Total degree credit maximum 12
Major, Standard course maximum 1
Major, Comprehensive courses maximum 2

Credit by Examination
Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits
Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)
Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/ correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements
(Code 820-003)

This emphasis is structured to prepare students for careers in HRM immediately upon graduation or shortly thereafter. Historically, “personnel departments” were primarily administrative in scope. Today, there is tremendous complexity, diversity, and sophistication confronting managers of human resources.

Most corporations require highly skilled professionals who have been academically trained in the areas of HRM. Corporations now are looking to the “human resource function” as a strategic partner in executive decision making. The HRM emphasis will prepare students in the following areas: staffing (recruitment and selection), training and development, labor relations, compensation and benefits, employee relations, organizational change, and relevant legal concerns. Special focus will be directed at the changing demographic composition of employees and Workforce 2000 issues. Students are encouraged to take additional written and oral communication courses. Students are required to take and pass the Society for Human Resource Management Certification Test. Requirements for taking this test currently require 500 hours of HR experience.

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus</td>
<td>1</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

1 MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
</tbody>
</table>
### FIN 320
Principles of Finance 3

### MKTG 330
Principles of Marketing 3

### MGMT 340
Organizational Behavior 3

### MGMT 341
Operations Management 3

### MGMT 449
Strategic Management in a Global Business Environment 3

**Total Credits** 28

1. Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2. MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

### Requirements for the Human Resource Management Emphasis

Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 349</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MGMT 445</td>
<td>Compensation Theory and Administration</td>
</tr>
<tr>
<td>MGMT 446</td>
<td>Advanced Organizational Behavior</td>
</tr>
<tr>
<td>MGMT 455</td>
<td>Industrial Relations</td>
</tr>
<tr>
<td>MGMT 459</td>
<td>Advanced Human Resource Management</td>
</tr>
<tr>
<td>ACCT 312</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>CJ 350</td>
<td>Human Resource Development</td>
</tr>
</tbody>
</table>

**Pass the Society for Human Resource Management (SHRM) Certification Examination**

**Human Resources Management Electives - Select from the following:**

<table>
<thead>
<tr>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 300</td>
</tr>
<tr>
<td>MGMT 342</td>
</tr>
<tr>
<td>MGMT 343</td>
</tr>
<tr>
<td>MGMT 344</td>
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<tr>
<td>MGMT 345</td>
</tr>
<tr>
<td>MGMT 347</td>
</tr>
<tr>
<td>MGMT 363</td>
</tr>
<tr>
<td>MGMT 398</td>
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<tr>
<td>MGMT 399</td>
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<tr>
<td>MGMT 414</td>
</tr>
<tr>
<td>MGMT 441</td>
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<tr>
<td>MGMT 442</td>
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<td>MGMT 443</td>
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<tr>
<td>MGMT 447</td>
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<tr>
<td>MGMT 492</td>
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<tr>
<td>MGMT 494</td>
</tr>
<tr>
<td>MGMT 499</td>
</tr>
<tr>
<td>BCOM 405</td>
</tr>
<tr>
<td>BSAD 180</td>
</tr>
<tr>
<td>BSAD 306</td>
</tr>
</tbody>
</table>

### ECON 330
Experiences of Minoritized Groups in U.S. Economy

1. Students who meet all requirements for this emphasis except the certification requirement are considered to have satisfied requirements for the Management emphasis.
2. With one course at most from MGMT 441, MGMT 442; and three credits at most from MGMT 399, MGMT 499

**HIP Assessment**

Management majors with Human Resource Management emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

### Management, Management Emphasis, Comprehensive Major

(Code 820-000)

#### University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td></td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements** (p. 50)

<table>
<thead>
<tr>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
</tr>
<tr>
<td>Resident</td>
</tr>
<tr>
<td>Major</td>
</tr>
<tr>
<td>Minor</td>
</tr>
<tr>
<td>Certificate</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>25 percent of credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
</tr>
<tr>
<td>Senior year</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
</tr>
<tr>
<td>Certificate</td>
</tr>
</tbody>
</table>

#### Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

#### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are...
normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

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**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total degree credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 72 credits</td>
<td></td>
</tr>
</tbody>
</table>

**Activity credit (band, chorus, drama, KINS 100-184)**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total KINS 100-184</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 1 credit</td>
<td></td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

**Extension credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>UW-System</th>
</tr>
</thead>
<tbody>
<tr>
<td>No maximum</td>
<td></td>
</tr>
</tbody>
</table>

**USAFI**

<table>
<thead>
<tr>
<th>Maximum Credits</th>
<th>32 credits</th>
</tr>
</thead>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-S1">http://catalog.uwec.edu/undergraduate/attribute-S1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
<td></td>
</tr>
</tbody>
</table>

**Integration Goal**

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</th>
<th>One (1) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
<td>One (1) learning experiences</td>
</tr>
</tbody>
</table>
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
Bachelor of Business Administration Degree Requirements

Credits for Graduation
All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program
All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements
(Code 820-000)

The general management emphasis provides a broad background focusing on the effective management and development of employees within the firm.

Proficiency Requirements
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

ECON 103 Principles of Microeconomics 3
ECON 104 Principles of Macroeconomics 3

MATH 109 Algebra for Calculus 1 4
MATH 246 Elementary Statistics 4

1 MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses
ACCT 201 Introduction to Accounting 3
BCOM 206 Business Writing 1 2
BCOM 207 Business Presentations 1 2
IS 240 Information Systems in Business 3
BSAD 300 Diversity in the Workplace 1
BSAD 305 Legal and Regulatory Environment 2
FIN 320 Principles of Finance 3
MKTG 330 Principles of Marketing 3
MGMT 340 Organizational Behavior 3
MGMT 341 Operations Management 3
MGMT 449 Strategic Management in a Global Business Environment 2 3

Total Credits 28

1 Students must earn a grade of C or above in BCOM 206 and BCOM 207.
2 MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the General Management Emphasis
Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses 15
ACCT 312 Managerial Accounting 3
MGMT 300 Developing the Leader Within You 3
MGMT 349 Human Resource Management 3
MGMT 446 Advanced Organizational Behavior 3

Select one of the following: 3
MGMT 342 Quality Management
MGMT 343 Supply Chain Management
MGMT 442 Production Planning and Control

Electives - Select from the following: 17
MGMT 342 Quality Management
MGMT 343 Supply Chain Management
MGMT 344 Quantitative Methods for Management
MGMT 345 Managing Global Organizations
MGMT 347 Risk Management and Insurance
MGMT 354 Materials Management Simulation
MGMT 363 International Logistics and Supply Chain Management
MGMT 398 Internship Program I
MGMT 399 Independent Study Projects 1
### Management, Minor

(CODE 820-401)

Twenty-seven semester credits, as follows:

<table>
<thead>
<tr>
<th>SPDP Workshops and Major/Minor Combinations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Courses:</strong></td>
<td>21</td>
</tr>
<tr>
<td>ACCT 201 - Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECON 103 - Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104 - Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>IS 240 - Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340 - Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341 - Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 349 - Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td><strong>Management Minor Electives - Select from the following:</strong></td>
<td>6</td>
</tr>
<tr>
<td>MGMT 342 - Quality Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 343 - Supply Chain Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 344 - Quantitative Methods for Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 345 - Managing Global Organizations</td>
<td></td>
</tr>
<tr>
<td>MGMT 347 - Risk Management and Insurance</td>
<td></td>
</tr>
<tr>
<td>MGMT 363 - International Logistics and Supply Chain Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 441 - Service Operations Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 442 - Production Planning and Control</td>
<td></td>
</tr>
<tr>
<td>MGMT 443 - Process Simulation and Analysis</td>
<td></td>
</tr>
<tr>
<td>MGMT 445 - Compensation Theory and Administration</td>
<td></td>
</tr>
<tr>
<td>MGMT 446 - Advanced Organizational Behavior</td>
<td></td>
</tr>
<tr>
<td>MGMT 455 - Industrial Relations</td>
<td></td>
</tr>
</tbody>
</table>

1. The Management minor may not be combined with the standard Business Administration major or any Management comprehensive major (Entrepreneur emphasis, Human Resource emphasis, Management emphasis, Operations and Supply Chain emphasis).

2. **Student Professional Development Program.** All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. *Students are highly encouraged to complete the workshops prior to the end of their third semester on campus.* The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

### HIP Assessment

General management majors must complete the High Impact Practices (HIP) assessment during their last semester.

### Management, Operations and Supply Chain Management Emphasis, Comprehensive Major

(CODE 820-004)

### University Requirements

**Graduation Requirements for Baccalaureate Degree**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum total for graduation</strong></td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
<tr>
<td><strong>Grade Point Requirements</strong> (p. 50)</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Semester(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
</tbody>
</table>
Chief

Certificate

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

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USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

| Credit by Examination | Total degree credit | maximum ¼ of total |

Major or minor

| Major or minor | maximum ½ of total |

Two-Year College Credits

| Total degree credit | maximum 72 credits |

Activity credit (band, chorus, drama, KINS 100-184)

| Total KINS 100-184 | maximum 1 credit |

| Total Band, chorus, drama | maximum 12 credits |

| Single course band, chorus, drama | maximum 4 credits |

Extension credits

| UW-System | no maximum |

| Other extension/correspondence | maximum ¼ of total |

USAFI

| USAFI | maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

| Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) | Two (2) learning experiences |

One experience in laboratory science must be selected from either K1 or K2.

| Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) | Two (2) learning experiences |

One experience in laboratory science must be selected from either K1 or K2.

| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |

| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |

Skills Goal

| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |

One S1 must meet the University Writing Requirement (p. 49)

| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) | One (1) learning experience |

One S2 to meet the University Mathematics Requirement (p. 50)
Major Requirements
(Code 820-004)

Students may select this emphasis which is designed to prepare them for careers in operations and supply chain management. Students are required to pursue professional certification as a CPIM (Certified in Production and Inventory Management). Information on certification is available from the department office.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus [1]</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

[1] MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

BUSCORE Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing [1]</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations [1]</td>
<td>2</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 340</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 341</td>
<td>Operations Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits: 28

[1] Students must earn a grade of C or above in BCOM 206 and BCOM 207.
[2] MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Operations and Supply Chain Management Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 312</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
</tbody>
</table>

...
MGMT 342 Quality Management 3  
MGMT 343 Supply Chain Management 3  
MGMT 344 Quantitative Methods for Management 3  
MGMT 349 Human Resource Management 3  
MGMT 442 Production Planning and Control 3  
MGMT 461 Lean Manufacturing Systems and Concepts 3  

Required CPIM Certification Exam ¹  

Electives - Select from: ²

- MGMT 345 Managing Global Organizations  
- MGMT 347 Risk Management and Insurance  
- MGMT 354 Materials Management Simulation  
- MGMT 363 International Logistics and Supply Chain Management  
- MGMT 398 Internship Program I  
- MGMT 399 Independent Study Projects ²  
- MGMT 414 Small Business Consulting  
- MGMT 441 Service Operations Management  
- MGMT 443 Process Simulation and Analysis  
- MGMT 446 Advanced Organizational Behavior  
- MGMT 447 Cross Cultural Leadership  
- MGMT 452 Master Planning of Resources  
- MGMT 455 Industrial Relations  
- MGMT 493 Topics in Operations Management  
- MGMT 499 Independent Study Projects ²  
- BCOM 405 Advanced Business Communications  
- BSAD 180 Foundations for Success in Business  
- BSAD 306 Business Law  
- IS 455 Project Management  
- MKTG 336 Business Logistics Management  

¹ Students must pass one of the APICS Certified in Production and Inventory Management (CPIM) examinations. Students who meet all requirements for this emphasis except the certification exam are considered to have satisfied requirements for the Management emphasis.  
² With three credits at most from MGMT 399, MGMT 499.

HIP Assessment  
Management majors with Operations and Supply Chain Management emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Marketing, Comprehensive Major  
(Code 840-000)

University Requirements  
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

- Minimum total for graduation ¹  
- Upper division credits (courses numbered 300 and higher)  
- Liberal Education Core (p. 46)

¹ Total 120  
² Total 39  
³ Total 36

Academic Concentrations (p. 50)  
Grade Point Requirements (p. 50)  

Total 2.00 average  
Resident 2.00 average  
Major 2.00 average  
Minor 2.00 average  
Certificate 2.00 average

University Residency Requirements (p. 50)  
Minimum total 30  
Senior year 23  
Major, Standard, upper division in residence 12  
Major, Comprehensive, upper division in residence 21  
Certificate 25 percent of credits

Procedures Required for Graduation  
Obtain admission to the degree program and/or the College offering it.  
Apply for graduation on CampS.

¹ Certain programs exceed this minimum.  
² See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also
be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

| Credit Restrictions | Satisfactory/Unsatisfactory | Total degree credit | maximum 12
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Major, Standard</td>
<td></td>
<td>maximum 1 course</td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td></td>
<td>maximum 2 courses</td>
<td></td>
</tr>
</tbody>
</table>

**Credit by Examination**

<table>
<thead>
<tr>
<th>Total degree credit</th>
<th>maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Total degree credit</th>
<th>maximum 72 credits</th>
</tr>
</thead>
</table>

**Activity credit (band, chorus, drama, KINS 100-184)**

<table>
<thead>
<tr>
<th>Total KINS 100-184</th>
<th>maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

**Extension credits**

| UW-System | no maximum |
| Other extension/correspondence | maximum ¼ of total |

**USAFI**

| USAFI | maximum 32 credits |

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

A minimum of 36 credits

**Knowledge Goal**

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

**Skills Goal**

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) One (1) learning experience

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1) Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experience

**Integration Goal**

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

**Service-Learning Goal**

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-sl/#header13) 30 hours

**College Degree Requirements**

**Bachelor of Business Administration Degree Requirements**

**Credits for Graduation**

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

**Student Professional Development Program**

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for
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The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

**Grade Point Requirements**
Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

**Major Requirements**
(Code 840-000)
Marketing involves the performance of activities that facilitate exchange, such as buying, selling, pricing, and transporting. Marketing is done by business organizations, nonprofit entities, even individuals like political candidates, using strategies appealing to final consumers, organizational buyers, and other publics. Careers in marketing typically begin with sales jobs and retail store management training, and progress (often with graduate study) to the management of functions like sales, advertising, distribution, market research, and purchasing.

**Proficiency Requirements**
Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
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<td>Principles of Microeconomics</td>
<td>3</td>
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<td>Principles of Macroeconomics</td>
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</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

1. MATH 109 or beyond, or competency to enter MATH 111

**The BUSCORE**
The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

**BUSCORE Courses**

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<tr>
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</tr>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>IS 240</td>
<td>Information Systems in Business</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 300</td>
<td>Diversity in the Workplace</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 305</td>
<td>Legal and Regulatory Environment</td>
<td>2</td>
</tr>
<tr>
<td>FIN 320</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 312</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 331</td>
<td>Buyer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 334</td>
<td>Marketing Research</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 338</td>
<td>Marketing Analytics and Technology</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 438</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Marketing Electives - Select from the following**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 332</td>
<td>Marketing Communications and Promotion Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 333</td>
<td>Digital Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 335</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 336</td>
<td>Business Logistics Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 337</td>
<td>Professional Selling</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 398</td>
<td>Internship Program I</td>
<td>1</td>
</tr>
<tr>
<td>MKTG 425</td>
<td>Marketing in Service Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 432</td>
<td>Retail Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 433</td>
<td>Sales Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 434</td>
<td>Advanced Marketing Analytics</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 437</td>
<td>Business-to-Business Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 491</td>
<td>Selected Topics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 343</td>
<td>Supply Chain Management</td>
<td>1</td>
</tr>
<tr>
<td>MGMT 441</td>
<td>Service Operations Management</td>
<td>1</td>
</tr>
<tr>
<td>BCOM 306</td>
<td>Advanced Business Writing</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 307</td>
<td>Advanced Business Presentations</td>
<td>2</td>
</tr>
<tr>
<td>BCOM 405</td>
<td>Advanced Business Communications</td>
<td>2</td>
</tr>
<tr>
<td>BSAD 180</td>
<td>Foundations for Success in Business</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 306</td>
<td>Business Law</td>
<td>1</td>
</tr>
</tbody>
</table>

1. With one course at most from MGMT 343, MGMT 441
2. With two courses at most from BCOM 306, BCOM 307, BCOM 405.
The Marketing faculty recommend the Advanced Business Communication certificate for Marketing majors.

**HIP Assessment**
General Marketing majors must complete the High Impact Practices (HIP) assessment during their last semester.

**Marketing, Marketing Analytics Emphasis, Comprehensive Major**
(Code 840-002)
University Requirements

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

Minimum total for graduation

Upper division credits (courses numbered 300 and higher)

Liberal Education Core (p. 46)

Academic Concentrations (p. 50)

**Grade Point Requirements** (p. 50)

**University Residency Requirements** (p. 50)

Minimum total

Senior year

Major, Standard, upper division in residence

Major, Comprehensive, upper division in residence

Certificate

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 1 course</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

Total degree credit

Activity credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184

Total Band, chorus, drama

Single course band, chorus, drama

**Extension credits**

UW-System

Other extension/correspondence

USAFI

USAFI

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>a minimum of 36 credits</th>
</tr>
</thead>
</table>
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

<table>
<thead>
<tr>
<th>BUSCORE Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
</tr>
<tr>
<td>BCOM 206</td>
</tr>
<tr>
<td>BCOM 207</td>
</tr>
<tr>
<td>IS 240</td>
</tr>
<tr>
<td>BSAD 300</td>
</tr>
<tr>
<td>BSAD 305</td>
</tr>
<tr>
<td>FIN 320</td>
</tr>
<tr>
<td>MKTG 330</td>
</tr>
<tr>
<td>MGMT 340</td>
</tr>
<tr>
<td>MGMT 341</td>
</tr>
</tbody>
</table>

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences

<table>
<thead>
<tr>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-R1">http://catalog.uwec.edu/undergraduate/attribute-R1</a>) Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
</tr>
</tbody>
</table>

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 456) and Health Care Administration (p. 472).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student’s major or business minor.

Major Requirements

(Code 840-002)

The Marketing Analytics emphasis is designed to help prepare marketing students for success in analytical marketing decision-making. It places emphasis on analyzing marketing databases using the latest software technology. This emphasis is designed to meet the growing demands for analytical decision-making in merchandising, purchasing, retailing, internet marketing, fact-based selling, and integrated marketing communications.

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

<table>
<thead>
<tr>
<th>BUSCORE Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
</tr>
<tr>
<td>BCOM 206</td>
</tr>
<tr>
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</tr>
<tr>
<td>BSAD 300</td>
</tr>
<tr>
<td>BSAD 305</td>
</tr>
<tr>
<td>FIN 320</td>
</tr>
<tr>
<td>MKTG 330</td>
</tr>
<tr>
<td>MGMT 340</td>
</tr>
<tr>
<td>MGMT 341</td>
</tr>
</tbody>
</table>
MGMT 449 Strategic Management in a Global Business Environment 3

Total Credits 28

1 Students must earn a grade of C or above in BCOM 206 and BCOM 207.

2 MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Marketing Analytics Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses 21
ACCT 312 Managerial Accounting 3
IS 290 Introduction to Database Applications 3
MKTG 332 Marketing Communications and Promotion Analysis 3
MKTG 334 Marketing Research 3
MKTG 338 Marketing Analytics and Technology 3
MKTG 434 Advanced Marketing Analytics 3
MKTG 438 Marketing Management 3

Electives - Select from the following: 11
MKTG 331 Buyer Behavior
MKTG 333 Digital Marketing
MKTG 335 International Marketing
MKTG 337 Professional Selling 2
MKTG 398 Internship Program I
MKTG 425 Marketing in Service Organizations
MKTG 432 Retail Management 2
MKTG 433 Sales Management
MKTG 490 Advanced Sales Topics
MKTG 491 Selected Topics
BCOM 306 Advanced Business Writing 1
BCOM 307 Advanced Business Presentations 1
BCOM 405 Advanced Business Communications 1
BSAD 180 Foundations for Success in Business
BSAD 306 Business Law

1 With one course at most from BCOM 306, BCOM 307, BCOM 405
2 MKTG 337 or MKTG 432 are strongly recommended.

HIP Assessment
Marketing majors with Marketing Analytics emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Marketing, Minor
(Code 840-401)

Twenty-four semester credits, as follows:

SPDP Workshops and Major/Minor Combinations 1, 2
Required Courses: 15
ACCT 201 Introduction to Accounting 3
ECON 103 Principles of Microeconomics 3
ECON 104 Principles of Macroeconomics 3

Marketing, Professional Sales Emphasis, Comprehensive Major
(Code 840-001)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50) 2

Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average

1 The Marketing minor may not be combined with the standard Business Administration major. This minor can be combined with other COB majors, including some Management majors. Please see the list of approved major/minor combinations within a single department (http://catalog.uwec.edu/undergraduate/business/#academicprogramstext) that satisfy university academic concentration requirements (p. 50).

2 Student Professional Development Program. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses. The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).

Marketing, Professional Sales Emphasis, Comprehensive Major
(Code 840-001)
Minor  2.00 average
Certificate  2.00 average

**University Residency Requirements** (p. 50)
- Minimum total  30
- Senior year  23
- Major, Standard, upper division in residence  12
- Major, Comprehensive, upper division in residence  21

Certificate  25 percent of credits

**Procedures Required for Graduation**
- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

### Applicability of Credits Toward Graduation

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

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**APPLICABILITY OF CREDITS TOWARD GRADUATION**

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<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
</tbody>
</table>

**Major, Standard**  maximum 1 course
**Major, Comprehensive**  maximum 2 courses

**Credit by Examination**
- Total degree credit  maximum ¼ of total
- Major or minor  maximum ½ of total

**Two-Year College Credits**
- Total degree credit  maximum 72 credits

**Activity credit (band, chorus, drama, KINS 100-184)**
- Total KINS 100-184  maximum 1 credit
- Total Band, chorus, drama  maximum 12 credits
- Single course band, chorus, drama  maximum 4 credits

**Extension credits**
- UW-System  no maximum
- Other extension/correspondence  maximum ¼ of total

**USAFI**
- USAFI  maximum 32 credits

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS**  a minimum of 36 credits

#### Knowledge Goal

1. **Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

2. **Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

3. **Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

   - One (1) learning experience

#### Skills Goal

1. **Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

2. **Skills Outcome 2 (S2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-s2)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

3. **Skills Outcome 3 (S3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-s3)**
   - Two (2) learning experiences
   - One experience in laboratory science must be selected from either K1 or K2.

4. **Skills Outcome 4 (S4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-s4)**
   - One (1) learning experience
Students may select the Professional Sales emphasis designed to prepare them for competence in oral persuasion skills, proposal preparation, negotiating, relationship management, and sales force management.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry-level competencies for the major. These are not counted as credits in the major.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 109</td>
<td>Algebra for Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)

One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48-credit requirement.

Student Professional Development Program

All students pursing a major in the College of Business must complete the Student Professional Development Workshops. All students pursuing a minor in the Department of Management and Marketing must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300-level courses in the College of Business Core and need to be completed prior to registration for those courses.

The program consists of four workshops: The Business Professional, Professional Image, Professional Etiquette, Professional Networking Event. For more information, visit the College of Business website (http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program).
Requirements for the Professional Sales Emphasis
Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 312</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 334</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 337</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 338</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 433</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 438</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 490</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives - Select from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 331</td>
<td>1</td>
</tr>
<tr>
<td>MKTG 332</td>
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</tr>
<tr>
<td>MKTG 333</td>
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<td>MKTG 336</td>
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<td>MKTG 398</td>
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<td>MGMT 343</td>
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<td>BCOM 306</td>
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<tr>
<td>BCOM 307</td>
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</tr>
<tr>
<td>BCOM 405</td>
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</tr>
<tr>
<td>BSAD 180</td>
<td>1</td>
</tr>
<tr>
<td>BSAD 306</td>
<td>1</td>
</tr>
</tbody>
</table>

1. Elective courses must meet requirements as published by U.S. Army Cadet Command policy letters. Qualification of instructor and syllabus content are key factors in these requirements. Students must confirm that specific courses meet these requirements with ROTC program advisors prior to enrollment.

2. These courses are available to Junior and Seniors only, and a request must be submitted to the respective departments to waive course prerequisites.

3. Credit for MSL 399 is primarily tied to Cultural Understanding and Language Proficiency (CULP) program, Cadet Troop Leader Training (CTLT), and Cadet Internships. These summer programs allow for experiential learning linking institutional learning to work experience.

Military Leadership, Minor

(Code 821-401)

Students must complete a total of 24 credits for the Military Leadership minor.

Required Courses (in sequence):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL 301</td>
<td>3</td>
</tr>
<tr>
<td>MSL 302</td>
<td>3</td>
</tr>
<tr>
<td>MSL 401</td>
<td>3</td>
</tr>
<tr>
<td>MSL 402</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses: 12 credits from the following list with at least one course in HIST

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL 101</td>
<td>1</td>
</tr>
<tr>
<td>MSL 102</td>
<td>1</td>
</tr>
</tbody>
</table>

Military Science and Leadership

Military Science and Leadership

Schneider Social Science 209 | 715-836-3617 | ArmyROTC@uwec.edu
www.uwec.edu/cob/centerforleadership/rotc

The Military Science and Leadership (MSL) courses are part of the Army Reserve Officers’ Training Corps (ROTC) and provide a dynamic student-focused learning environment designed to develop adaptive and agile leaders of character. ROTC is a unique program in that it is led by Active Duty and National Guard cadre, but run primarily by the students. Cadre facilitate the lecture portion of the curriculum and the students plan and execute the leadership labs and physical training. MSL courses focus on management and leadership skills and prepare a student to receive a commission as an Army officer for either active duty, the Army National Guard, or the Army Reserve.

MSL classes include three components: lecture, leadership lab, and physical training sessions:

Lecture – Cadre-facilitated discussions focus on leadership development, leadership theories, Army fundamentals, written and oral communication skills, cultural awareness, mentoring, problem solving, and emphasize practical leadership application.

Leadership Lab – Provide engaging, hands-on, and realistic application of the lecture lessons of the previous weeks. The focus of labs is on field craft and army fundamentals. The two-hour lab sessions are planned and executed by the Advance Course (MSL 300) cadets, giving them an opportunity to utilize unit training management and troop-leading procedures preparing them for their summer training event.

Physical Training – Includes techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and
aerobic exercises, water confidence training, distance running, military drills and team sports. There are three, one-hour physical training sessions per week; however, non-contracted students are only required to attend one.

**Additional Opportunities.** Students also participate in off-campus training exercises and competitions designed to reinforce training and challenge their physical and mental capacities.

**Basic Courses.** 100- and 200-level MSL courses are open to any UW-Eau Claire undergraduate student, regardless of major. Students may start the classes in either the fall or spring semester. Taking these classes requires no obligation to the Army. These courses give students the opportunity to learn about the Army and how the Army implements leadership. Additionally, credits from the Basic Courses (MSL 100 and MSL 200) can be applied towards the Leadership Studies Certificate. These classes can be taken during study abroad.

**Advanced Courses.** 300- and 400-level MSL courses are open to any UW-Eau Claire undergraduate student regardless of major. Taking these classes requires that the student make a commitment to contract as a Cadet, which requires service to the active Army, Army Reserve, or Army National Guard after graduation. Enrollment requires receiving credit for the basic courses and meeting Army prerequisites. Students must have four semesters remaining in full-time status to complete the MSL 301/MSL 302/MSL 401/MSL 402 course series. Students hold leadership positions throughout the semester and have significant responsibilities in planning and leading training during leadership lab and physical training. All advanced cadets attend the capstone Advance Course at Fort Knox, KY. MSL 301 and MSL 302 must be taken in sequence followed by the capstone summer training. Students are required to take an upper level U.S. military history course, which can be fulfilled by taking HIST 384, HIST 376, or HIST 377. These courses can be applied to the Military Leadership minor (http://catalog.uwec.edu/undergraduate/business/management-marketing/military-leadership-minor).

**ROTC Scholarships.** Cadets may be eligible for tuition scholarship, room and board scholarship, study abroad scholarship, or federal tuition benefits. For more information, visit www.goarmy.com/rotc/scholarships.jsp (http://www.goarmy.com/rotc/scholarships.jsp) or contact the ROTC cadre, Schneider 209. Interested students must contact the ROTC Office to determine the correct course in which to enroll, to get enrollment permissions, and to complete required paperwork.

**Faculty**

Jesse Johnson  
Matt Kelly  
Eric Lee
Students who meet this standard of achievement receive personal letters of notification and congratulations from the Dean.

Criminal History and/or Caregiver Background Checks

Wisconsin law requires that persons responsible for the care, safety, and security of children and adults will be required to have background checks. In some cases, placement into an externship, professional semester, internship, or practicum will be dependent on the background check results. In some cases, students may be unable to complete field experiences required of their programs because of background check results. Furthermore, students should work closely with their advisors and the Associate Dean to determine the impact these results will have on their academic program. Students are responsible for all costs associated with background checks. Results of checks may be shared with the practicum, professional semester, externship, or internship site.

The College of Education and Human Sciences requires applicants to complete a Background Information Disclosure and a release for a criminal background check. Falsification or omission of information relevant to the questions may constitute grounds for denial of admission to the course(s), associated field experiences, or for termination of admission if the falsification or omission is discovered after admission. Further, after submission of the questionnaire, while an application is being considered or while a student in the program, if circumstances occur that would change any response(s), students must inform the Associate Dean of the changed response(s). For further information, contact the College of Education and Human Sciences Associate Dean’s Office (Centennial 3015).

Liability for Health Care Expenses

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers’ compensation insurance does not cover students. For example, if students suffer a needle stick or are hurt while in practicum, they will need personal health insurance to cover medical bills.

Teacher Education

The programs in teacher education offered in the College of Education and Human Sciences are fully approved by the Wisconsin Department of Public Instruction.

Bachelor’s Degree Programs

The University offers bachelor’s degrees to teacher education candidates in Middle Childhood through Early Adolescence (MC-EA), Early Adolescence through Adolescence/Early Childhood through Adolescence (EA-A/EC-A), and Special Education.

Middle Childhood through Early Adolescence (Ages 6-13)

The Bachelor of Science degree in Elementary Education is designed to provide candidates with sufficient breadth and depth in the disciplines taught in middle childhood through early adolescence classrooms to prepare them to work in self-contained classrooms or in multi-unit schools. The preparation focuses on an understanding of children and the learning processes as well as on effective methods of presentation. A certifiable minor also is required.
Early Adolescence through Adolescence (Ages 10-21)

Degree programs in Secondary Education provide specialized preparation through academic majors and minors which have been approved for teacher certification. Students preparing to teach in middle, secondary, or continuing education programs must complete specializations according to one of the following options:

1. a standard major of 36 credits and a second program that is either a minor of 24 credits or a certificate (12-18 credits); or
2. two standard majors of 36 credits each; or
3. a comprehensive major of 60 or more credits.

A list of certifiable majors and minors is found in the section of this catalog devoted to the Department of Education Studies.

NOTE: With option 1, the student may elect a certifiable minor, but a certifiable minor is not required.

Early Childhood through Adolescence (Ages 6-21)

Programs are offered which prepare teachers to work with children at all grade levels in foreign languages, music, and physical education.

Special Education

The Bachelor of Science degree in Special Education provides graduates with professional abilities in educational assessment, staffing, programming, and teaching children and youth with disabilities. Teacher preparation is offered in the areas of intellectual disabilities, emotional/behavioral disabilities, specific learning disabilities, and unified early childhood: special education and regular education. Various combinations of teacher certification in special education and middle childhood through early adolescence regular education are also available.

Graduate Programs

Teacher and other school personnel programs are offered at the graduate level in professional development, communication sciences and disorders, school psychology, and social work (Madison-Eau Claire program).

Non-degree Programs and Additional Certification Programs

Non-degree programs leading to teacher certification in any of the fields of study offered in baccalaureate and graduate programs can be arranged for candidates who hold a bachelor’s or advanced degree. Due to enrollment limitations, a small number of students are accepted in non-degree and second degree programs.

Directed and Independent Studies

Many opportunities are available for students to study, independently or in small groups, problems and topics in education which may not be included or explored in depth in regular course offerings.

Directed studies for groups can be arranged by departments and offered as special courses, either on campus or in off-campus settings. Those interested in directed studies should consult with a department chair.

Independent study, through a student-initiated procedure in which a unit of study is described and approved prior to enrollment, allows a student to earn one to three credits for each such educational experience. Those interested in independent study should obtain appropriate forms in department offices.

Independent and directed study should not be used as a way of taking courses which are approved as regular offerings in the College. Also, in some programs, there is a limit to the number of credits students can take in independent and directed studies.

International Education

Students are invited to participate in exchange programs sponsored by the Center for International Education. In the sophomore, junior, and senior years, study abroad programs offer students opportunities to visit another country and take courses on the host campus that will fulfill UW-Eau Claire requirements.

Students are also encouraged to consider completing part of their student teaching experience in classrooms in a variety of countries. Exchange student teaching programs are available during the spring semester only through Educators Abroad and meet Department of Public Instruction requirements. Students must complete one student teaching placement in Wisconsin and then complete an additional placement in another country, following its academic calendar. In other words, students may not be finished with their overseas student teaching placement in time for graduation ceremonies at UW-Eau Claire.

Students interested in any of these international studies programs should contact the Center for International Education (Schrofield 3) or the Field Experience, Licensing and Certification Office, Centennial 3102.

Immersion Experiences

Students are invited to participate in specially arranged student teaching experiences and other field experiences in a variety of settings including the Milwaukee Public Schools, Tucson, Arizona, Washington D.C. and the Aldine School District in Houston, Texas. Students interested in these opportunities will gain experience working in multicultural and multi-ethnic districts. Interested students should contact the Field Experience, Licensing and Certification Office, Centennial 3102, or the department of their major for details.

College of Education and Human Sciences Degrees and Curricula

Bachelor of Arts

Economics-Teaching
English-Teaching
French-Teaching
German-Teaching
History-Teaching
Political Science-Teaching
Social Studies-Teaching
Spanish-Teaching

Bachelor of Science

Athletic Training
Biology-Teaching
Chemistry-Teaching
Communication Sciences and Disorders
Elementary Education
Exercise Science
Geography-Teaching
Geology-Teaching
Kinesiology-Physical Education Teaching
Mathematics-Teaching
Physical Science-Teaching
Physics-Teaching
Physics-Mathematics-Teaching
Bachelor of Music Education
Bachelor of Social Work
Minors in Human Sciences Department
Science of Coaching-Liberal Arts
Kinesiology-Liberal Arts
Topical Minor-Liberal Arts

Minors in Education
A list of certifiable minors in education is found in the section of the catalog devoted to the Department of Education Studies.

Certificate Programs
Communication Sciences and Disorders-American Sign Language (ASL) Certificate
Social Work-Gerontology Certificate
Intellectual Behavioral Disabilities (ID) 1-12 Certificate
Emotional Behavioral Disabilities (EBD) 1-12 Certificate

Teacher Education Requirements
Program and Degree Requirements
University Requirements
All candidates for teacher education baccalaureate degrees in the College of Education and Human Sciences must fulfill the minimum requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Degree Planning
A degree plan indicates how a student expects to meet the curricular requirements for a degree. Degree plan forms for the various programs offered in the College may be obtained in department offices. These plans are for students’ use in planning programs with their advisors. Degree Review uses the Degree Audit for official evaluation of academic plans and official evaluation of academic progress.

Human Relations/Cultural Diversity/Design for Diversity Service-Learning Requirements
Students in teacher education majors shall meet the Wisconsin Department of Public Instruction’s Human Relations Requirement and the UW-Eau Claire Cultural Diversity Requirement by completing ES 385/ES 585, Social Foundations: Human Relations, which includes completion of a minimum of 30 hours of direct contact fieldwork with racial/ethnic/cultural minorities different from themselves, people from low-income backgrounds, and people with disabilities. This fieldwork satisfies the University Service-Learning Requirement. Students are expected to accrue 15 of the 30 hours of volunteer/fieldwork prior to the semester they are enrolled in ES 385/ES 585.

Admission to the Professional Education Semester
The “professional semester” is defined as the senior semester in which a student is enrolled in the field experience of student teaching or internship.

Filing Applications
Students who plan to enter the professional semester during the fall semester of the next academic year must file an application available at an education “professional semester” meeting held each fall. Students who plan to enter the professional semester during the spring semester of the next academic year must file an application at an education “professional semester” meeting held in spring. Dates for these meetings will be advertised widely and posted across campus.

Students are encouraged to submit their applications as soon as possible after the meeting. Considerable time is required to process each application—that is, to determine eligibility, to make arrangements with schools for an appropriate field experience assignment, and to allow for introductions, orientations, and, in some cases, interviews. Students who file early will benefit by the careful consideration that can be given to their requests; the later an application is received, the fewer the placement assignments and choices still available will be. Failure to file an application on time may result in a delay of the professional semester.

Transfer and Special Students
No transfer or special student can enter the professional semester until after a full semester of residence and after earning a minimum of 15 credits at UW-Eau Claire. Senior transfer students enrolling in September must file an application available at an education “professional semester” meeting held each fall. Students who plan to enter the professional semester during the fall semester of the next academic year must file an application at an education “professional semester” meeting held in spring. Dates for these meetings will be advertised widely and posted across campus.

Criteria for Admission
No application for admission to the professional semester will be processed in the case of transfer and special students unless a full semester of residence and a minimum of 15 credits have been earned at UW-Eau Claire.

Factors to be considered in the application for admission to the professional semester are:

1. Criteria for admission to a professional program have been met.
2. Good academic standing, as defined in the catalog section on Academic Standing and Progress.
3. A minimum of 90 credits completed prior to the professional semester.
Licensure to Teach

Deadline for Meeting Criteria
For placements in the fall semester, criteria for which the student is responsible (GPA, TB test, demonstration of content area proficiency through one avenue listed above, any additional Praxis II Content Test(s)/ACTFL and PSYC 260) must be met by March 1 of the preceding semester.

For placements in the spring semester, these criteria must be met by October 1 of the preceding semester.

For placements in the summer session, these criteria must be met by February 1 of the preceding semester.

Failure to meet criteria on time may result in a delay of the professional semester.

Wisconsin Application
College of Education graduates who desire to teach in Wisconsin, will apply for licensure using the WI Department of Public Instruction’s (DPI), ELO (Electronic Licensing Online) by following all steps listed on the site including fingerprinting if applicable.

Upon completion of all program requirements and University and WI Department of Public Instruction teaching requirements, information will be forwarded to WI DPI verifying this completion (including the completion of all required tests), a degree and any add-on certifications that have been awarded, and certifications the teaching candidates are eligible for with licensure. Candidates will then apply for their Initial License.

Out-of-state Applications
It is recommended that graduates seeking licensure to teach in states other than Wisconsin request application forms and instructions from the Department of Education of the state in which licensure is desired. Inquiry early in the period of professional preparation is advisable. In most cases, an official transcript of credits must accompany the completed application form; additional tests or course work may be required. Therefore, it is imperative to check requirements of other states. Wisconsin and most other states require institutional endorsement. In general, candidates will be able to obtain licenses in other states; however, these licenses may be issued with stipulations. It is the student’s responsibility to find out licensing requirements of other states. The university prepares teachers for certification in Wisconsin.

Human Sciences Departments
Specific Degree Requirements
Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences
Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information
Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.
Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Planning a Degree Program

Declaring a Major/Minor Program

Which advising model you are in determines the process for declaring and changing your major. Students who started before Fall 2016 who have a faculty member as their primary advisor should contact the department which sponsors the new program that a student is looking to add. Students who started in Fall 2016 or later have an advisor in the Advising, Retention, and Career Center and that is the contact for declaring and changing a major.

All students are encouraged to obtain a new degree audit during this process. A new advisor will be assigned in the department or academic cluster of the new major or minor. Any approved petitions/ waivers for the old major or minor will not be carried over to the new major or minor. Students must resubmit and have these petitions approved again by the new major or minor department.

A topical minor is available and the requirements are listed below.

Education (Code 610-453)

A Topical Minor is an interdisciplinary minor composed of 24 semester credits selected by the student to meet the student’s own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, an historical period, a definable professional need, or a complementary relationship to the student’s major. Most students who propose a topical minor do so after earning 30 credits but before earning 90 credits. Students must meet all prerequisite course work requirements and other prior eligibility benchmarks, such as achieving an appropriate grade point average. In the case of courses offered in one of the professional colleges, students must meet college admission requirements or students must obtain written permission from the College before enrollment is possible. The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program within the UW System.

The student who wishes to develop a Topical Minor must adhere to the following requirements.

- Interdisciplinary Breadth Requirement: A Topical Minor consists of 24 credits. There must be at least two course prefixes present among these credits and no more than 15 credits from any single prefix.
- Unique Credit Requirement 1: A student may not apply a course that counts toward credits in his/her major to the Topical Minor.
- Unique Credit Requirement 2: No more than six credits from a student’s major prefix may be used in the Topical Minor.
- Depth Requirement: At least 12 of the 24 credits must be from courses numbered 300 or above.
- College Home: For a Topical Minor to reside in the College of Education and Human Sciences, prefixes from at least 12 of the 24 credits must be earned in the College of Education and Human Sciences.
- Submission Requirement: To propose a Topical minor, a student should work with a faculty advisor and complete an e-form located on the College of Education and Human Sciences website and route that form to the College for approval.

Special Curricular Offerings

Special Topics Courses

The Departments of Kinesiology and Social Work offer courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to the department. Topics are announced in the Class Schedule for the semester.

Restrictions: A total of no more than nine credits in Special Topics courses may be applied toward graduation. Special Topics courses may not be applied toward completion of the Liberal Education requirements. The Department of Social Work may further restrict the application of such credits to their majors.

Directed Study Courses

Courses numbered 395 or 495, offered by several departments under various titles, are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility: Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility are established by the department and published as part of the course description.

Restrictions: A total of no more than six credits of Directed Study courses may be counted toward graduation. Directed Study courses may not be applied toward completion of the Liberal Education requirements. Departments also may restrict the application of such credits to their majors and minors.

Procedures: Permission to register may be obtained from department offices. When registration has been completed, a copy of each project will be electronically submitted to the Associate Dean of the College.

Independent Studies

Under the course numbers 399 and 499, each department in the human sciences cluster of the College provides advanced students with opportunities for independent study in fields where they have already demonstrated their competence.

Eligibility: Independent Study courses are open only to juniors and seniors. A student with a departmental major and/or minor may elect an Independent Study in the department of the major or of the minor, provided the student has at least 3.00 resident and total GPAs in that department. A student with a multidisciplinary major may elect an Independent Study in any department
which has courses required in the major, provided the student has at least 3.00 resident and total GPAs in the major and has earned a minimum of six credits with resident and total GPAs of at least 3.00 in the department in which the Independent Study is elected.

Restrictions: Only three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits may be counted toward graduation. Independent Study courses may not be applied toward completion of the Liberal Education requirements.

Procedures: The student shall outline an Independent Study proposal to a professor willing to direct the study. The department chair and the professor directing the study must give permission in order for the student to register for a 399 or 499 course. An electronic Independent/Directed Study Approval Form should be submitted and approved by the end of the fourth week of the semester (second week of Summer Session). Forms are available on the College of Education and Human Sciences website in the Bugold Insider.

Departmental Honors Programs

The Department of Social Work and the Department of Communication Sciences and Disorders have established a Departmental Honors Program for their majors. See the departmental listings for requirements.

Admission to Professional Education Programs

Criteria for Admission

Formal application to the professional education program must be made by October 1 for spring admission or March 1 for fall admission. In order to submit an application to an Education Program, students must satisfy all of the requirements listed below:

1. Approval by the appropriate department in the College of Education and Human Sciences. See Education Studies (p. 509) and Special Education (p. 517) sections of this catalog for criteria to be considered in making these recommendations.
2. Pre-education status.
3. Students must have attained at least Sophomore Status
4. Minimum total GPA of 2.5. Admission is competitive; thus the minimum GPA does not assure admission to a professional program in education.
5. Met the University Writing Requirement (complete Writing 114, 116, 118, or 120 or the equivalent earning a C or better)
6. Met the University Mathematics requirements (complete one college-level math course earning C or better)
7. Good academic standing.
8. Complete an introductory education course with a field placement (eg SPED 205, ES 203, ES 212 or the equivalent) with a grade of B- or better.

Application Procedure

Formal application to the professional program must be made. The number of students admitted to a program is limited by resources available. Not everyone who applies can be guaranteed admission. See the appropriate section of this catalog for criteria upon which the departmental recommendation will be based. Note that minimum criteria for a department may exceed the minimum criteria listed above.

Students who do not meet all the criteria listed above or who do not receive a favorable departmental recommendation may reapply during a later application period.

Special or Transfer Students

Special students and transfer students who desire to be admitted to the Teacher Education Program in the College of Education and Human Sciences should inform the Admissions Office upon application for admission to the University. They should indicate their area of interest. These students are expected to have a minimum GPA of 2.5.

Retention in Professional Education Programs

Students who are in good standing in the University but are having difficulty meeting the College of Education and Human Sciences criteria for professional education programs are strongly advised to seek the counsel of their advisor and/or the Associate Dean of the College of Education and Human Sciences regarding their continuation in the program. A student may continue in the program while in good standing or after receiving an Academic Warning. (See Academic Standing and Progress. (p. 42)) However, if placed on probation or if readmitted after a first suspension, the student may continue in the program only upon recommendation of the department concerned (Education Studies or Special Education). After a second suspension, the student may not continue in the professional education program.

Pre-Professional Programs

Pre-Athletic Training

(Code 995-900)

The pre-athletic training program is intended to prepare students for admission into a graduate program in athletic training. Students should plan on completing a baccalaureate degree before matriculating into an athletic training graduate program. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-athletic training program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic advisor in their chosen area of study.

Pre-Chiropractic

(Code 704-901)

Advisor: M. Mattes (Kinesiology).

The pre-chiropractic program is intended to prepare students for admission into a chiropractic college. Most accredited chiropractic colleges prefer that students earn a baccalaureate degree before beginning, or concurrently with, their chiropractic training. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-chiropractic program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic advisor in their chosen area of study.

Pre-Occupational Therapy

(Code 665-901)

Advisor: M. Mattes (Kinesiology).
The pre-occupational therapy program is intended to prepare students for admission into a graduate program in occupational therapy. Most occupational therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to occupational therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-occupational therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic advisor in their chosen area of study.

Pre-Physical Therapy
(Code 662-901)

Advisor: M. Mattes (Kinesiology).

The pre-physical therapy program is intended to prepare students for admission into a graduate program in physical therapy. Most physical therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to physical therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-physical therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic advisor in their chosen area of study.

Interdisciplinary Programs

Majors

- Comprehensive Major: Physical Science, Teaching - B.S. (p. 82)
- Comprehensive Major: Physics-Mathematics, Mathematics Emphasis, Teaching - B.S. (p. 85)
- Comprehensive Major: Physics-Mathematics, Physics Emphasis, Teaching - B.S. (p. 89)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics – BA (p. 95)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics/History – BA (p. 99)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography – BA (p. 103)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography/History – BA (p. 107)
- Comprehensive Major: Social Studies Broadfield Teaching, History – BA (p. 111)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science – BA (p. 115)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science/History – BA (p. 119)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology – BA (p. 123)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology/History – BA (p. 127)

Minors

- Minor: General Science, Middle Childhood/Early Adolescence (p. 71)
- Minor: Language Arts, Middle Childhood/Early Adolescence (p. 74)
- Minor: Social Studies, Middle Childhood/Early Adolescence (p. 131)
- Minor: Teaching of English to Speakers of Other Languages, Middle Childhood/Early Adolescence (p. 133)
- Minor: Teaching of English to Speakers of Other Languages, Early Adolescence/Adolescence (p. 132)
- Minor: Teaching of English to Speakers of Other Languages, Early Childhood/Adolescence (p. 132)
- Minor: Topical (p. 509)

Topical Minor, Minor

Education (Code 610-453)

A Topical Minor is an interdisciplinary minor composed of 24 semester credits selected by the student to meet the student’s own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, an historical period, a definable professional need, or a complementary relationship to the student’s major. Most students who propose a topical minor do so after earning 30 credits but before earning 90 credits. Students must meet all prerequisite course work requirements and other prior eligibility benchmarks, such as achieving an appropriate grade point average. In the case of courses offered in one of the professional colleges, students must meet college admission requirements or students must obtain written permission from the College before enrollment is possible. The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program within the UW System.

The student who wishes to develop a Topical Minor must adhere to the following requirements.

- **Interdisciplinary Breadth Requirement:** A Topical Minor consists of 24 credits. There must be at least two course prefixes present among these credits and no more than 15 credits from any single prefix.
- **Unique Credit Requirement 1:** A student may not apply a course that counts toward credits in his/her major to the Topical Minor.
- **Unique Credit Requirement 2:** No more than six credits from a student’s major prefix may be used in the Topical Minor.
- **Depth Requirement:** At least 12 of the 24 credits must be from courses numbered 300 or above.
- **College Home:** For a Topical Minor to reside in the College of Education and Human Sciences, prefixes from at least 12 of the 24 credits must be earned in the College of Education and Human Sciences.
- **Submission Requirement:** To propose a Topical minor, a student should work with a faculty advisor and complete an e-form located on the College of Education and Human Sciences website and route that form to the College for approval.

Education Studies

Centennial Hall 3215
715-836-2013


Goals and Purposes

The Department of Education Studies prepares teachers for elementary, middle level, and high school classrooms through several programs. Through a series of courses and experiences emphasizing reflection, decision-making, and collaborative leadership, students develop knowledge, skills, and dispositions necessary for effective teaching. Students also acquire skill in
1. planning and using various teaching methods and resources,
2. creating and maintaining a positive learning environment, and
3. evaluating learning and instruction.

The Department of Education Studies also provides leadership, vision, and service for the core elements of all teacher education. Core professional studies which are common to all programs include field experiences; the social, cultural, historical, legal, and philosophical foundations of education; pedagogy for diverse learners; instructional, informational, and media technology; educational research; assessment; and leadership studies. At the completion of a program, students are ready to assume responsibilities for classroom teaching and are prepared to continue developing as a professional.

**Degrees Awarded**

The following majors lead to the Bachelor of Arts Degree: Economics, English, French, German, History, Political Science, Social Studies, Sociology, and Spanish.

The following majors lead to the Bachelor of Science Degree: Biology, Chemistry, Elementary/Middle Level Education, Geology, Kinesiology (Physical Education), Mathematics, Physical Science, Physics, and Physics-Mathematics.

All majors in Music lead to the Bachelor of Music Education.

**Student Transportation**

All programs that lead to teacher licensure require multiple field experiences. Students in teacher education programs must provide their own transportation to and from field experiences. Some field experiences will require travel to other communities. All costs associated with transportation to and from field experiences are the responsibility of the student.

**Program Options**

Programs in the Department of Education Studies are designed to lead to licensure by the state of Wisconsin. UW-Eau Claire provides these three program options:

1. Middle Childhood through Early Adolescence (MC-EA) (Elementary Education)
2. Early Adolescence through Adolescence (EA-A) (Secondary Education)
3. Early Childhood through Adolescence (EC-A) (PK-12 Education)

Students should select the program option they wish to pursue and follow the requirements for that program. In addition to the program requirements, all students must complete the appropriate Liberal Education requirements and other University requirements for graduation.

**Pre-program.** Before seeking admission to a program, students must complete the appropriate pre-program course(s): ES 203 (Exploring Schooing in Grades 1-8) for Option A, ES 212 (Initial Teaching Experience in Elementary, Middle and High School) for Options B and C.

To enroll in ES 203, a student must meet the following criteria:

1. pre-education status,
2. completed at least 14 credits,
3. resident and total GPAs of 2.50 or higher,
4. completion of University Writing Requirement.

Space available for these courses will be limited to resources available.

**Program Admission Information**

The programs in the Department of Education Studies are designed to continually assess the knowledge, skills, and dispositions of the best candidates to be recommended for endorsement to the Wisconsin Department of Public Instruction for certification to teach in the state of Wisconsin. Students are admitted to a program on a selective basis from a pool of candidates who meet minimum criteria. Students who enter the University and who plan to pursue one of the program options A, B, or C should understand that not all who seek admission to the College of Education and Human Sciences, and to the program, will be admitted, even if minimum criteria are met. Detailed descriptions of program admission criteria and procedures are available from the department office, given that changes occur in an attempt to use admission results and information to improve curricula.

**Admission to Program (Gate #1)**

Students who wish to pursue any of the three program options [A: Middle Childhood through Early Adolescence (MC-EA), B: Early Adolescence through Adolescence (EA-A), and C: Early Childhood through Adolescence (EC-A)], must file a formal application by October 1 for spring admission or March 1 for fall admission. Admissions committees are convened and decisions are made in time for students to register for program courses for the ensuing semester. When students are admitted to any of these three programs, they are also admitted to the College of Education and Human Sciences Teacher Education Program.

**Admission to the Option A Program (MC-EA): (Block)**

Students should obtain the MC-EA Advising Handbook, which provides information on process and procedures, as well as rubrics, and auxiliary information (e.g., certifiable minor choices, résumé format, etc.). Students wishing consideration for admission to the program should apply one year prior to the semester, in which they want to be in the “block” (methods) courses. Students may not apply for program while enrolled in ES 203, Exploring Schools in Grades 1-8. Candidates for admission to program prepare a “portfolio”, which is specified in the MC-EA Advising Handbook. Additional criteria for admission include: overall GPA, performance in ES 203, Exploring Schools in Grades 1-8, dispositions toward teaching, and overall writing and quality of the application materials. The MC-EA Admissions Committee is comprised of faculty and staff members from the Education Studies department, as well as faculty or academic staff members from the teacher education associated faculty from the College of Education and Human Sciences. Each portfolio is carefully reviewed to ensure criteria for admission are met. Rank-ordered total scores on the portfolio are provided to the chairperson who notifies the applicants of their admission status. Students are admitted based on the total portfolio score. Students who are not admitted may apply one additional time.

**Admission to the Option B (EA-A) and C (EC-A) Programs: (Block)**

Students who want to be considered for admission to these programs and the College of Education and Human Sciences Teacher Education Program should apply the semester before they want to enroll in the methods sequence of courses, also known as the “block” (e.g., ES 312, ES 318, ES 328, etc.). Students may not apply for program while enrolled in ES 212, the pre-program course. Candidates prepare a portfolio for the Department of Education Studies (see the EA-A/EC-A program coordinator for education program-related questions and rubrics used for scoring portfolios). Additionally, content departments have requirements for admission, which focus predominantly on content
knowledge (e.g., Foreign Language requires passing an oral competency exam in the target language). Students should see their content area advisor for information or seek direction from the education advisor in that department. The EA-A/EC-A Admissions Committee is comprised of EA-A/EC-A faculty from the Department of Education Studies and at least one member from each of the certifying areas: Music, English, Kinesiology, Mathematics, Social Studies, History, Science, and Languages. The portfolios are scored by EA-A/EC-A faculty in the Department of Education Studies, and a list of applicants with rank-ordered total portfolio scores is compiled. The EA-A/EC-A program coordinator convenes a meeting of the EA-A/EC-A admissions membership where final decisions are made for admission to the program, College, and the block semester. The list of admitted and declined applicants is provided to the chairperson who notifies the applicants of their admission status. Students who are admitted to program must take ES 312 (chairperson who notifies the applicants of their admission status. Students who are admitted to program must take ES 312 and ES 318 the subsequent semester. Candidates who are not admitted their first time may re-apply once.

**Admission to the Professional Semester (Gate #2): Professional Semester**

Applicants in program option A below must earn a minimum grade of B in the Block practicum field experience for three of the five areas: language arts, mathematics, reading, science, and social studies and earn a minimum GPA of 2.75 across the block courses with no less than a C in the following courses to gain departmental approval for admission to student teach or intern:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 304</td>
<td>Teaching and Learning Practices</td>
<td>2</td>
</tr>
<tr>
<td>ES 306</td>
<td>Mathematics Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 307</td>
<td>Language Arts Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 308</td>
<td>Science Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 309</td>
<td>Social Studies Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 335</td>
<td>Reading Assessment, Diagnosis and Remediation</td>
<td>2</td>
</tr>
</tbody>
</table>

Applicants in options B and C below must earn a minimum grade of B- in each of the professional education courses (ES 212, ES 312, ES 317, ES 318*, ES 328, content methods) to be considered for admission to student teaching in selected areas. Each program requires the student to complete:

- a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

1. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

**Recommendation for Licensure (Gate #3)**

All students seeking licensure through programs in the department of Education Studies must complete a full semester of student teaching or internship. A full semester of student teaching or internship is defined as completing a full semester, full days following the school district calendar where students are placed. All applicants for student teaching or internships must have resident, total, and professional education course GPAs of 2.75 or higher and have departmental approval. Grades for student teaching courses (ES 440, ES 441, ES 445, ES 446, ES 470, and ES 475) are reported and recorded on a satisfactory/unsatisfactory basis.

In addition to student teaching requirements, students must participate in and earn passing scores on the edTPA. Finally, students who have an elementary education major or special education major, or minor will need to complete the WI Foundations of Reading Test (FoRT) with a passing score of 240 or higher.

**Faculty**

Carol Koroghlanian, Chair

Michelle Bradley

**Teaching Licensure**

- Middle Childhood through Early Adolescence Licensure (p. 517)
- Early Adolescence through Adolescence Licensure (p. 511)
- Early Childhood through Adolescence Licensure (p. 512)

**Majors**

- Major, Elementary Education - B.S. (p. 513)

**Early Adolescence through Adolescence Licensure**

**Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

Students choosing another major or minor may choose from the approved majors and minors listed in the table below, but are not required to do so. Students pursuing EA-A licensure are not required to elect a second plan that leads to certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option B: EA-A**

**Early Adolescence through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**Prescribed special methods course(s) (see approved majors and minors below)**
ES 445 & ES 470  
Student Teaching in Middle Level Education  
and Student Teaching in Secondary Education

or ES 446  
Internship Teaching in Middle Level Education

or ES 475  
Internship Teaching in Secondary Education

ES 490  
Historical, Legal, and Philosophical Foundations of Education

ES 497  
Field Experience Seminar

SPED 300  
Inclusive Practices for Secondary Educators

Approved Majors and Minors for Option B

<table>
<thead>
<tr>
<th>Comprehensive Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>540-006</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>160-015</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-002</td>
<td>ES 357</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5061</td>
</tr>
<tr>
<td>Physical Science</td>
<td>240-004</td>
<td>ES 360 (F)</td>
<td></td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Physics-Mathematics</td>
<td>210-003</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5161 and ETS 5435 (regardless of emphasis)</td>
</tr>
<tr>
<td>Mathematics Emphasis</td>
<td>210-004</td>
<td>ES 357 (Sp) and ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-XXX</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>080-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Chemistry</td>
<td>100-204</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Economics</td>
<td>360-204</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>English</td>
<td>540-210</td>
<td>ENGL 319, ENGL 419</td>
<td></td>
<td>ETS 5038</td>
</tr>
<tr>
<td>History</td>
<td>380-206</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-207</td>
<td>ES 357</td>
<td></td>
<td>ETS 5161</td>
</tr>
<tr>
<td>Physics</td>
<td>230-205</td>
<td>ES 360 (F)</td>
<td>BIOL 180 or GEOG 178</td>
<td>ETS 5435</td>
</tr>
<tr>
<td>Political Science</td>
<td>420-203</td>
<td>ES 356</td>
<td>ECON 103, BIOL 180 or GEOG 178</td>
<td>ETS 5081</td>
</tr>
</tbody>
</table>

1 Broadfield Science add-on certification is available with these majors and requires ES 360 (fall only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Early Childhood through Adolescence Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:
1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

**Option C: EC-A**

**Early Childhood through Adolescence Licensure**

**Professional Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

**Student Teaching Courses from list below:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
<td>6</td>
</tr>
</tbody>
</table>

AND

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>6</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 470</td>
<td>Student Teaching in Secondary Education</td>
<td></td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

**Approved Majors and Minors for Option C**

<table>
<thead>
<tr>
<th>Comprehensiv Code</th>
<th>Majors</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Prescribed Methods Course</td>
<td>Additional</td>
</tr>
<tr>
<td>Music, Instrumental/General</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 411</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Music, Choral/General</td>
<td>MUED 211, MUED 300, MUED 310, MUED 318, MUED 410</td>
<td>ETS 5113</td>
</tr>
<tr>
<td>Kinesiology</td>
<td>KINS 290</td>
<td>ETS 5091</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Study abroad in language</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Adaptive Physical Education</td>
<td>991-459</td>
<td>Only with KINS major</td>
<td>No add'l exam</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>260-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-406</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-407</td>
<td>ES 366 (F) and ES 437 (Sp)</td>
<td>Only with F Lg major</td>
<td>OPI or OPIc</td>
</tr>
<tr>
<td>TESOL</td>
<td>550-410</td>
<td>ES 405 (F)</td>
<td>Only with F Lg major</td>
<td>ETS 5362</td>
</tr>
</tbody>
</table>

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

**Elementary Education, Major**

**Middle Childhood/Early Adolescence (Code 940-206)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
</tbody>
</table>
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th></th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_S5_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

Satisfactory/Unsatisfactory

<table>
<thead>
<tr>
<th></th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>

Credit by Examination

<table>
<thead>
<tr>
<th></th>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>

Extension credits

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

USAFI

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements

Knowledge Goal

<table>
<thead>
<tr>
<th></th>
<th>Learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2)</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2)</td>
</tr>
</tbody>
</table>

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)  One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)  Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)  One (1) learning experience

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)  One (1) learning experiences

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)  Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)  One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)  One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)  Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)  30 hours

College Degree Requirements
Program Option A
This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children’s literature, health, speech and communication, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

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Students must also successfully pass the W-FORT, and the edTPA to be eligible for a teaching license in Wisconsin.

Option A: MC-EA
Approved Majors and Minors for Option A

<table>
<thead>
<tr>
<th>Second Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
</tbody>
</table>

1 NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

<table>
<thead>
<tr>
<th>Minors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-405</td>
<td>ES 437 (SP)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>German</td>
<td>280-405</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Language Arts</td>
<td>930-402</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>no addtl exam</td>
</tr>
<tr>
<td>Learning Disabilities</td>
<td>950-470</td>
<td>no addtl exam</td>
<td>no addtl exam</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>180-408</td>
<td>no addtl exam</td>
<td>no addtl exam</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>500-403</td>
<td>no addtl exam</td>
<td>no addtl exam</td>
<td></td>
</tr>
<tr>
<td>Spanish</td>
<td>320-406</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
<tr>
<td>Teaching of English to Speakers of Other Languages (TESOL)</td>
<td>550-409</td>
<td>ES 405</td>
<td>1 yr. college level foreign language</td>
<td>ETS 5362</td>
</tr>
<tr>
<td>Coaching</td>
<td>971-403</td>
<td>KINS 492</td>
<td>no addtl exam</td>
<td>no addtl exam</td>
</tr>
</tbody>
</table>

Liberal Education Requirements are listed in the table below:

K2 (Social Sciences)
<table>
<thead>
<tr>
<th>PSYC 260</th>
<th>Educational Psychology</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
</tbody>
</table>

S2 (Mathematics)
<table>
<thead>
<tr>
<th>MATH 303</th>
<th>Probability and Statistics in Grades 1-8 (included in major)</th>
</tr>
</thead>
</table>

S3 (Creativity)
<table>
<thead>
<tr>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
</tr>
</thead>
</table>
Teacher Licensure Requirements - MC/EA Licensure

Program Option A

This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children’s literature, health, speech and communication, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

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Option A: MC-EA

Approved Majors and Minors for Option A

Second Majors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
</tr>
<tr>
<td>Spanish</td>
<td>320-203</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
</tr>
</tbody>
</table>

1 NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

Minors

<table>
<thead>
<tr>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirements</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-405</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
</tr>
<tr>
<td>General Science</td>
<td>120-403</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Admission Requirements

Admission to Professional Education Programs (p. 508)

Major Requirements

Middle Childhood/Early Adolescence (Code 940-206)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 203</td>
<td>Exploring Schooling in Grades 1-8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 304</td>
<td>Teaching and Learning Practices</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 305</td>
<td>Reading Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 306</td>
<td>Mathematics Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 307</td>
<td>Language Arts Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 308</td>
<td>Science Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 309</td>
<td>Social Studies Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 335</td>
<td>Reading Assessment, Diagnosis and Remediation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 381</td>
<td>Technology for Educators</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 415</td>
<td>Assessment and Evaluation in Grades 1-12</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>ES 457</td>
<td>Integrating Literacies into the Middle Grades Curriculum</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>IDIS 300</td>
<td>Integrated Performing Arts Across the Curriculum</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>KINS 327</td>
<td>Movement Education for Elementary Grades</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LAMED 305</td>
<td>Children’s Literature</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 201</td>
<td>Number and Operations I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MATH 202</td>
<td>Number and Operations II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MATH 303</td>
<td>Probability and Statistics in Grades 1-8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MATH 304</td>
<td>Geometry in Grades 1-8</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
Middle Childhood through Early Adolescence Licensure

Program Option A
This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children’s literature, health, speech and communication, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

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Option A: MC-EA

Approved Majors and Minors for Option A

<table>
<thead>
<tr>
<th>Second Majors</th>
<th>Code</th>
<th>Prescribed Methods Course</th>
<th>Additional Requirement</th>
<th>ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>260-203</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
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</tr>
<tr>
<td>German</td>
<td>280-204</td>
<td>ES 437 (Sp)</td>
<td>study abroad in language</td>
<td>WPT and OPI or OPIc</td>
</tr>
</tbody>
</table>

Special Education

Centennial Hall 3715
715-836-5511

Honor Societies and Student Organizations:

Best Buddies
College students are matched with adults with disabilities in the community to share leisure activities.

Goals and Purposes
The special education programs are designed to provide students with experiences that develop skills in assessing students as well as planning, implementing, and evaluating interventions. Special education graduates are prepared for a variety of specialized jobs. Those who prefer to teach may be employed in public or private schools, institutions, or agencies. Those seeking other careers may work as house parents or home trainers or directors of service agencies. Some graduates will continue their study in other areas of special education. Others will engage in research, develop curricular and instructional materials, or lead in-service teacher training.
Programs

The Department of Special Education offers undergraduate and graduate programs. Bachelor’s degree programs are offered in the areas of intellectual disabilities, specific learning disabilities, and unified early childhood. These programs lead to the following teacher licensure:

- Cross-categorical Special Education
- Special Education: Unified Early Childhood
- Specific Learning Disabilities and Intellectual Disabilities
- Specific Learning Disabilities and Regular Education

A minor in Specific Learning Disabilities is also offered for Middle Childhood/Early Adolescence and Early Adolescence/Adolescence majors. This program leads to teacher licensure in Specific Learning Disabilities.

Emotional/Behavioral Disabilities certification can also be added to a special education program.

Intellectual Disabilities certification can also be added to a special education program.

Adaptive education: special field programs are available in the areas of art, music, and physical education and lead to licensure to teach learners with disabilities in those areas.

Portfolio Review

As part of the Teacher Education Program, students in the Department of Special Education are expected to develop a portfolio for application to program and during student teaching. In addition, students will complete assignments throughout the program that count as signature assessments of skills. Further information may be obtained from the student’s advisor.

Admission to Program

Minimal criteria for admission to professional programs (Gate 1) are outlined in the College of Education and Human Sciences section under “Admission to Professional Education Programs” (see items 1-6 under “Criteria for Admission”). In addition to meeting these minimum requirements, a separate Special Education application must be completed and submitted to the Department of Special Education. These applications (available in the Special Education office) are due October 1 and March 1.

Admission to any major or minor program in Special Education may be limited by the resources available. Admission to program will be determined by a review committee which will rank applicants based on quality and quantity of service related to the helping professions, quality of formal application (resume, academic success, and recommendations), and documentation of successful completion of SPED 200 and SPED 205. Guidelines for application are available in Centennial Hall 3715, or on the department’s website at www.uwec.edu/sped (https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/teacher-education-program/departments/special-education).

Department Requirements

Students must earn a grade of B- in their special education courses. Students can only repeat a special education course one time for program purposes. Permission to repeat is required.

Admission to Professional Semester

Applicants for student teaching/internship experience must:

1. complete an application with the Field Experience, Licensing and Certification Office, Centennial 3102;
2. have the recommendation of the Department of Special Education;
3. earn a minimum grade of B- in special education courses;
4. demonstrate content area proficiency through one of the following:

   Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

   For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once. Students should consult with their faculty advisor regarding the portfolio.

Even though a B- is required in special education courses, a student must earn a 2.75 cumulative GPA and a 2.75 GPA in the major in order to be eligible for teaching certification.

Student Teaching Requirements

Completion of student teaching courses requires undergraduates to earn at least a grade of B- in SPED 470 or SPED 472 or SPED 475. If the grade requirement is not met, the undergraduate student may repeat the student teaching course or may graduate without the recommendation for teaching licensure. In addition to student teaching requirements, students must participate in and earn passing scores on the edTPA. Finally, students with a special education major or minor will need to complete the WI Foundations of Reading Test (FORT) with a passing score of 240 or higher.

Student Transportation

Students in the teacher education programs must provide their own transportation to and from field experiences. Some field experiences will require travel to other communities. All costs associated with transportation to and from field experiences are the responsibility of the student.

Adaptive Education: Special Programs for Art, Music, and Physical Education Educators

Admission requirements include bachelor’s degree, eligibility for art, music, or physical education licensure, and any additional courses deemed necessary. Course requirements for these programs are as follows:

Art

<table>
<thead>
<tr>
<th>Select one of the following:</th>
<th>2-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 200 Introduction to Diverse Learners</td>
<td></td>
</tr>
<tr>
<td>SPED 300 Inclusive Practices for Secondary Educators</td>
<td></td>
</tr>
<tr>
<td>SPED 400 Inclusive Practices for Elementary Educators</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following: 3

| SPED 210 Introduction to Intellectual Disabilities | |
| UEC 220 Introduction to Inclusive Early Childhood Education | |
| SPED 330 Introduction to Specific Learning Disabilities | |
| SPED 350 Introduction to Emotional/Behavioral Disabilities | |
UEC 322  Inclusive Play and Sensory Exploration in Early Childhood Education  3

OR

SPED 423  Characteristics and Interventions for Young Children with Low Incidence Disabilities  3

SPED 472  Student Teaching in Special Education  3

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Art licensure for art teachers.

1 SPED 220 is the equivalent to UEC 220

Music
Select one of the following: 2-3

SPED 200  Introduction to Diverse Learners
SPED 300  Inclusive Practices for Secondary Educators
SPED 400  Inclusive Practices for Elementary Educators

Select one of the following: 3

SPED 210  Introduction to Intellectual Disabilities
UEC 220  Introduction to Inclusive Early Childhood Education

SPED 330  Introduction to Specific Learning Disabilities
SPED 350  Introduction to Emotional/Behavioral Disabilities

SPED 306  Behavior Management  3
SPED 472  Student Teaching in Special Education  3

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Music licensure for music teachers.

1 SPED 220 is the equivalent to UEC 220

Physical Education
The following courses are required:

KINS 484  Adapted Physical Education  3
KINS 487  Assessment in Adapted Physical Education  3
KINS 493  Practicum in Adapted Physical Education  3

AND select one of the following: 3

SPED 200  Introduction to Diverse Learners
SPED 210  Introduction to Intellectual Disabilities
SPED 306  Behavior Management
UEC 220  Introduction to Inclusive Early Childhood Education

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Physical Education licensure for physical education teachers.

Faculty
Cathy Thorsen, Chair
Rosemary Battalio
Angela Dalhoe
Barbara Meier

Karsten Powell
Kirstin Rossi
Jennifer Sisum
Todd Stephens

Majors

• Comprehensive Major: Special Education, Unified Early Childhood - B.S. (p. 527)
• Comprehensive Major: Special Education, Specific Learning Disabilities and Cognitive Disabilities - B.S. (p. 521)
• Comprehensive Major: Special Education, Specific Learning Disabilities and Middle Childhood through Early Adolescence Regular Education - B.S. (p. 524)

Minors

• Minor: Learning Disabilities, Middle Childhood/Early Adolescence (p. 520)
• Minor: Learning Disabilities, Early Adolescence/Adolescence (p. 520)

Certificates:

• Certificate: Emotional Behavioral Disabilities (EBD) 1-12 (p. 520)
• Certificate: Intellectual Disabilities (ID) 1-12 (p. 519)

Intellectual Disabilities (ID) 1-12, Certificate

(Code 950-603)

The Department of Special Education offers a certificate program for special education majors to add Intellectual Disabilities certification for grades 1-12. Students who add this certificate to their existing program will become more marketable and attractive to future employers. Further, this certificate will allow students to become better trained and prepared to meet the needs of a diverse 1-12 population. Finally, this certificate encompasses the requirements for the Department of Public Instruction (DPI) certification in Intellectual Disabilities.

Students seeking this certificate will need to be accepted into their special education program and have successfully completed at least one semester and have a total and resident GPA of 2.75 or higher. Students will apply to the ID certificate program during the department’s regular admission cycle and the Department of Special Education Admissions Committee will decide if the student is suitable for ID certification based on the student’s prior course experiences, knowledge, and dispositions.

Required courses:

Students must earn a B- or better in all courses

CSD 419  Assistive Technology and Augmentative and Alternative Communication  2

SPED 210  Introduction to Intellectual Disabilities  3
SPED 401  Assessment of Students with Disabilities  3
SPED 416  Career Education and Transition  2
SPED 417  Curriculum and Methods for Students with Moderate or Severe Disabilities  3

Total Credits  13
Emotional Behavioral Disabilities (EBD) 1-12, Certificate
(Code 950-602)

The Department of Special Education offers a certificate program for special education majors to add Emotional Behavioral Disabilities certification for grades 1-12 in the form of a certificate. Students who add this certificate to their existing program will become more marketable and attractive to future employers. Further, this certificate will allow students to become better trained and prepared to meet the needs of a diverse 1-12 population. Finally, this certificate encompasses the requirements for the Department of Public Instruction (DPI) certification in Emotional Behavioral Disabilities.

Students seeking this certificate will need to be accepted into their special education program and have successfully completed at least one semester and have a total and resident GPA of 2.75 or higher. Students will apply to the EBD certificate program during the department’s regular admission cycle and the Department of Special Education Admissions Committee will decide if the student is suitable for EBD certification based on the student’s prior course experiences, knowledge, and dispositions.

Required courses:
Students must earn a B- or better in all courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 350</td>
<td>Introduction to Emotional/Behavioral Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 401</td>
<td>Assessment of Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 416</td>
<td>Career Education and Transition</td>
<td>2</td>
</tr>
<tr>
<td>SPED 453</td>
<td>Behavioral Assessment and Planning</td>
<td>1</td>
</tr>
<tr>
<td>SPED 455</td>
<td>Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 12

Learning Disabilities, Minor - Teaching - MC-EA
Middle Childhood/Early Adolescence (Code 950-470)

This program is designed for the student who wants teacher licensure in Specific Learning Disabilities: Middle Childhood through Early Adolescence.

Thirty semester credits required for Licensure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 311</td>
<td>Language Development and Disorders: Related Disciplines</td>
<td>3</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management</td>
<td>3</td>
</tr>
<tr>
<td>SPED 330</td>
<td>Introduction to Specific Learning Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 331</td>
<td>Special Education Procedures and General Methods</td>
<td>2</td>
</tr>
<tr>
<td>SPED 401</td>
<td>Assessment of Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 402</td>
<td>Collaboration and Consultation</td>
<td>2</td>
</tr>
<tr>
<td>SPED 404</td>
<td>Pre-Student Teaching Experience with Individuals with Mild Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 431</td>
<td>Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 436</td>
<td>Mathematics Methods for Students with Mild Disabilities</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits 30

NOTE: In addition, one of the two quarters of student teaching must be in Special Education.

Learning Disabilities, Minor - Teaching - EA/A
Early Adolescence/Adolescence (Code 950-471)

This program is designed for the student who wants teacher licensure in Specific Learning Disabilities: Early Adolescence through Adolescence.

Twenty-seven semester credits required for Licensure

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 311</td>
<td>Language Development and Disorders: Related Disciplines</td>
<td>3</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management</td>
<td>3</td>
</tr>
<tr>
<td>SPED 330</td>
<td>Introduction to Specific Learning Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 331</td>
<td>Special Education Procedures and General Methods</td>
<td>2</td>
</tr>
<tr>
<td>SPED 401</td>
<td>Assessment of Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 416</td>
<td>Career Education and Transition</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits 27

NOTE: In addition, one of the two quarters of student teaching must be in Special Education.
NOTE: Students must earn a 2.75 cumulative GPA and a 2.75 GPA in this minor in order to be eligible for teaching certification.

NOTE: Students must earn a grade of B- or above in all special education courses including the quarter of student teaching in Special Education.

SPED 400 is not required of students completing this minor. This minor is restricted to students in the College of Education and Human Sciences: Education Studies, Option A and leads to licensure in Learning Disabilities: Middle Childhood through Early Adolescence. Students who have graduated from UW-Eau Claire in the MC-EA program within the past two years are also eligible to complete this minor and be recommended for licensure.

**Special Education, Specific Learning Disabilities and Intellectual Disabilities, Comprehensive Major**

(Code 950-011)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACALAUREATE DEGREE**

**Credit Requirements**

Minimum total for graduation $^{1}$ 120

Upper division credits (courses numbered 300 and higher) 39

Liberal Education Core (p. 46) 36

Academic Concentrations (p. 50)

**Grade Point Concentrations** (p. 50) $^{2}$

<table>
<thead>
<tr>
<th>Total Requirements</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements** (p. 50)

| Minimum total       | 30            |
| Senior year         | 23            |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate         | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

$^{1}$ Certain programs exceed this minimum.

$^{2}$ See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNSCDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit maximum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th>Total degree credit maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
<th>Total degree credit maximum 72 credits</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184 maximum 1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension credits</th>
<th>UW-System no maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>
Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)

One (1) learning experience

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/)#header13

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)

One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)

One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.

2. Grade point requirements:

   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average

3. Residency requirements:

   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.

5. Specific requirements of programs offered in the College of Education and Human Sciences (See the departmental sections of this catalog).

Special Education

SLD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

Liberal Education Requirements are listed in the table below:

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2 (Social Sciences)</td>
<td>PSYC 260</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>S2 (Mathematics)</td>
<td>MATH 303</td>
<td>Probability and Statistics in Grades 1-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(included in major)</td>
<td>2</td>
</tr>
<tr>
<td>S3 (Creativity)</td>
<td>SPED 476</td>
<td>Professional Practices in Special Education (included in major)</td>
<td>2</td>
</tr>
<tr>
<td>R1 (Equity, Diversity, Inclusivity)</td>
<td>ES 385</td>
<td>Social Foundations: Human Relations (included in major)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AND another learning experience</td>
<td></td>
</tr>
<tr>
<td>R3 (Civic and Environmental Issues)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Admission Requirements

Criteria for Admission

Formal application to the professional education program must be made by October 1 for spring admission or March 1 for fall admission. In order to submit an application to an Education Program, students must satisfy all of the requirements listed below:

1. Approval by the appropriate department in the College of Education and Human Sciences. See Education Studies (p. 509) and Special Education (p. 517) sections of this catalog for criteria to be considered in making these recommendations.
2. Pre-education status.
3. Students must have attained at least Sophomore Status
4. Minimum total GPA of 2.5. Admission is competitive; thus the minimum GPA does not assure admission to a professional program in education.
5. Met the University Writing Requirement (complete Writing 114, 116, 118, or 120 or the equivalent earning a C or better)
6. Met the University Mathematics requirements (complete one college-level math course earning C or better)
7. Good academic standing.
8. Complete an introductory education course with a field placement (e.g. SPED 205, ES 203, ES 212 or the equivalent) with a grade of B- or better

Application Procedure

Formal application to the professional program must be made. The number of students admitted to a program is limited by resources available. Not everyone who applies can be guaranteed admission. See the appropriate section of this catalog for criteria upon which the departmental recommendation will be based. Note that minimum criteria for a department may exceed the minimum criteria listed above.

Students who do not meet all the criteria listed above or who do not receive a favorable departmental recommendation may reapply during a later application period.

Special or Transfer Students

Special students and transfer students who desire to be admitted to the Teacher Education Program in the College of Education and Human Sciences should inform the Admissions Office upon application for admission to the University. They should indicate their area of interest. These students are expected to have a minimum GPA of 2.5.

Retention in Professional Education Programs

Students who are in good standing in the University, but are having difficulty meeting the College of Education and Human Sciences criteria for professional education programs are strongly advised to seek the counsel of their advisor and/or the Associate Dean of the College of Education and Human Sciences regarding their continuation in the program. A student may continue in the program while in good standing or after receiving an Academic Warning. (See Academic Standing and Progress. (p. 42)) However, if placed on probation or if readmitted after a first suspension, the student may continue in the program only upon recommendation of the department concerned (Education Studies or Special Education). After a second suspension, the student may not continue in the professional education program.

Major Requirements

(Code 950-011)

This program is designed for the student who wants teacher licensure in Specific Learning Disabilities and Intellectual Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence.

Requirements for Licensure:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 311</td>
<td>Language Development and Disorders: Related Disciplines</td>
<td>3</td>
</tr>
<tr>
<td>CSD 419</td>
<td>Assistive Technology and Augmentative and Alternative Communication</td>
<td>2</td>
</tr>
<tr>
<td>ES 286</td>
<td>Technology &amp; Special Education</td>
<td>1</td>
</tr>
<tr>
<td>ES 301</td>
<td>General Education Literacy Instruction (PK-8)</td>
<td>3</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>LMED 305</td>
<td>Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>MATH 201</td>
<td>Number and Operations I</td>
<td>2</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Number and Operations II</td>
<td>2</td>
</tr>
<tr>
<td>MATH 303</td>
<td>Probability and Statistics in Grades 1-8</td>
<td>2</td>
</tr>
<tr>
<td>MATH 304</td>
<td>Geometry in Grades 1-8</td>
<td>2</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED 210</td>
<td>Introduction to Intellectual Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 301</td>
<td>Observation and Participation with Students without Disabilities in Educational Programs</td>
<td>3</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management</td>
<td>3</td>
</tr>
<tr>
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<td>3</td>
</tr>
<tr>
<td>SPED 416</td>
<td>Career Education and Transition</td>
<td>2</td>
</tr>
<tr>
<td>SPED 417</td>
<td>Curriculum and Methods for Students with Moderate or Severe Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 431</td>
<td>Reading/ Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 434</td>
<td>Secondary Methods for Students with Mild Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>SPED 436</td>
<td>Mathematics Methods for Students with Mild Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>AND 12 credits of Student Teaching</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPED 470</td>
<td>Student Teaching in Special Education (SLD)</td>
<td></td>
</tr>
</tbody>
</table>
SPED 470  Student Teaching in Special Education (ID)

SPED 475  Internship Teaching

AND

SPED 476  Professional Practices in Special Education

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in required special education courses except SPED 205 and SPED 301.

NOTE: Students must earn a 2.75 cumulative GPA and a 2.75 GPA in the major in order to be eligible for teaching certification.

NOTE: Students must earn a grade of B- or above in all special education courses and a B- or above in student teaching courses in order to be recommended for licensure.

Special Education, Specific Learning Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major
(Code 950-069)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)

Grade Point Requirements (p. 50) 2

Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)

Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses.

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory

Total degree credit maximum 12
Major, Standard maximum 1 course
Major, Comprehensive maximum 2 courses

Credit by Examination

Total degree credit maximum ¼ of total
Major or minor maximum ½ of total

Two-Year College Credits

Total degree credit maximum 72 credits

Activity credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184 maximum 1 credit
Total Band, chorus, drama maximum 12 credits
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI
USAFI maximum 32 credits

**Liberal Education Core**
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Service-Learning Goal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-sl/#header13">http://catalog.uwec.edu/undergraduate/attribute-sl/#header13</a>)</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

**College Degree Requirements**

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences (See the departmental sections of this catalog).

**Special Education**
SLD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

**Liberal Education Requirements are listed in the table below:**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 260 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>AND another learning experience</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S2 (Mathematics)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 303 Probability and Statistics in Grades 1-8 (included in major)</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th></th>
</tr>
</thead>
</table>
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2. Pre-education status.
3. Students must have attained at least Sophomore Status
4. Minimum total GPA of 2.5. Admission is competitive; thus the minimum GPA does not assure admission to a professional program in education.
5. Met the University Writing Requirement (complete Writing 114, 116, 118, or 120 or the equivalent earning a C or better)
6. Met the University Mathematics requirements (complete one college-level math course earning C or better)
7. Good academic standing.
8. Complete an introductory education course with a field placement (e.g. SPED 205, ES 203, ES 212 or the equivalent) with a grade of B- or better

Application Procedure

Formal application to the professional program must be made. The number of students admitted to a program is limited by resources available. Not everyone who applies can be guaranteed admission. See the appropriate section of this catalog for criteria upon which the departmental recommendation will be based. Note that minimum criteria for a department may exceed the minimum criteria listed above.

Students who do not meet all the criteria listed above or who do not receive a favorable departmental recommendation may reapply during a later application period.

Special or Transfer Students

Special students and transfer students who desire to be admitted to the Teacher Education Program in the College of Education and Human Sciences should inform the Admissions Office upon application for admission to the University. They should indicate their area of interest. These students are expected to have a minimum GPA of 2.5.

Retention in Professional Education Programs

Students who are in good standing in the University, but are having difficulty meeting the College of Education and Human Sciences criteria for professional education programs are strongly advised to seek the counsel of their advisor and/or the Associate Dean of the College of Education and Human Sciences regarding their continuation in the program. A student may continue in the program while in good standing or after receiving an Academic Warning. (See Academic Standing and Progress. (p. 42)) However, if placed on probation or if readmitted after a first suspension, the student may continue in the program only upon recommendation of the department concerned (Education Studies or Special Education). After a second suspension, the student may not continue in the professional education program.

Major Requirements

(Code 950-069)

This program is designed for the student who wants teacher licensure in Specific Learning Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adulthood; and Regular Education: Middle Childhood through Early Adolescence.

Requirements for Licensure:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 203</td>
<td>Exploring Schooling in Grades 1-8</td>
<td>2</td>
</tr>
<tr>
<td>ES 304</td>
<td>Teaching and Learning Practices</td>
<td>2</td>
</tr>
<tr>
<td>ES 306</td>
<td>Mathematics Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 307</td>
<td>Language Arts Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 308</td>
<td>Science Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 309</td>
<td>Social Studies Curriculum and Instruction in Grades 1-8</td>
<td>3</td>
</tr>
<tr>
<td>ES 335</td>
<td>Reading Assessment, Diagnosis and Remediation</td>
<td>2</td>
</tr>
<tr>
<td>ES 381</td>
<td>Technology for Educators</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ES 457</td>
<td>Integrating Literacies into the Middle Grades Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>IDIS 300</td>
<td>Integrated Performing Arts Across the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>KINS 327</td>
<td>Movement Education for Elementary Grades</td>
<td>2</td>
</tr>
<tr>
<td>LMED 305</td>
<td>Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>MATH 201</td>
<td>Number and Operations I</td>
<td>2</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Number and Operations II</td>
<td>2</td>
</tr>
<tr>
<td>MATH 303</td>
<td>Probability and Statistics in Grades 1-8</td>
<td>2</td>
</tr>
<tr>
<td>MATH 304</td>
<td>Geometry in Grades 1-8</td>
<td>2</td>
</tr>
<tr>
<td>CSD 311</td>
<td>Language Development and Disorders: Related Disciplines</td>
<td>3</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management</td>
<td>3</td>
</tr>
<tr>
<td>SPED 330</td>
<td>Introduction to Specific Learning Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPED 331</td>
<td>Special Education Procedures and General Methods</td>
<td>2</td>
</tr>
</tbody>
</table>
**Special Education, Unified Early Childhood, Comprehensive Major**

(Code 950-098)

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

**Credit Requirements**

<table>
<thead>
<tr>
<th>Minimum total for graduation</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

| Minimum total | 30 |

**NOTE:** No degree credit may be earned under the Satisfactory/Unsatisfactory option in required special education courses except SPED 205 and SPED 301.

**NOTE:** Students must earn a 2.75 cumulative GPA and a 2.75 GPA in the major in order to be eligible for teaching certification.

**NOTE:** Students must earn a grade of B- or above in all special education courses and a B- or above in special education student teaching in order to be recommended for licensure.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNSCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
</tbody>
</table>
### Credit by Examination

<table>
<thead>
<tr>
<th>Credit by Examination</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

### Two-Year College Credits

<table>
<thead>
<tr>
<th>Two-Year College Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
</tbody>
</table>

### Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Activity credit (band, chorus, drama, KINS 100-184)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
</tr>
</tbody>
</table>

### Extension credits

<table>
<thead>
<tr>
<th>Extension credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td>no maximum</td>
</tr>
<tr>
<td>Other extension/ correspondence</td>
<td>maximum ¼ of total</td>
</tr>
</tbody>
</table>

### USAFI

<table>
<thead>
<tr>
<th>USAFI</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USAFI</td>
<td>maximum 32 credits</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION REQUIREMENTS**

A minimum of 36 credits

### Knowledge Goal

#### Knowledge Outcome 1 (K1): Natural Sciences

- Two (2) learning experiences

#### Knowledge Outcome 2 (K2): Social Sciences

- Two (2) learning experiences

#### Knowledge Outcome 3 (K3): Humanities

- Two (2) learning experiences

#### Knowledge Outcome 4 (K4): Fine Arts

- One (1) learning experience

### Skills Goal

#### Skills Outcome 1 (S1): Written and Oral Communication

One S1 must meet the University Writing Requirement (p. 49)

#### Skills Outcome 2 (S2): Mathematics

One S2 to meet the University Mathematics Requirement (p. 50)

#### Skills Outcome 3 (S3): Creativity

One S3 to meet the University Mathematics Requirement (p. 50)

### Responsibility Goal

#### Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity

Two (2) learning experiences

#### Responsibility Outcome 2 (R2): Global Perspectives

One (1) learning experience

#### Responsibility Outcome 3 (R3): Civic and Environmental Issues

One (1) learning experience

### Integration Goal

#### Integration Outcome 1 (I1): Integration

Two (2) learning experiences

### Service-Learning Goal

Service-Learning (30 hours)

### College Degree Requirements

**University Requirements in Teacher Education in the College of Education and Human Sciences**

**College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident: 2.75 average
   - Total: 2.75 average
   - Major: 2.75 average
   - Minor (for certification only): 2.75 average
3. Residency requirements:
   - Minimum Total: 30 credits
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**Special Education**
SLD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

**Liberal Education Requirements are listed in the table below:**

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260 Educational Psychology 3 AND another learning experience</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>S2 (Mathematics)</th>
<th>MATH 303 Probability and Statistics in Grades 1-8 (included in major)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>SPED 476 Professional Practices in Special Education (included in major)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385 Social Foundations: Human Relations (included in major) AND another learning experience</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>R3 (Civic and Environmental Issues)</th>
<th>SPED 200 Introduction to Diverse Learners (included in major)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>SPED 476 Professional Practices in Special Education (included in major)</th>
</tr>
</thead>
</table>

AND another learning experience

**Admission Requirements**

**Criteria for Admission**

Formal application to the professional education program must be made by October 1 for spring admission or March 1 for fall admission. In order to submit an application to an Education Program, students must satisfy all of the requirements listed below:

1. Approval by the appropriate department in the College of Education and Human Sciences. See Education Studies (p. 509) and Special Education (p. 517) sections of this catalog for criteria to be considered in making these recommendations.
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**Major Requirements**

(Code 950-098)

This program is designed for the student who wants teacher licensure in Early Childhood: Special Education and Early Childhood: Regular Education (birth through Grade 3).

**Requirements for Licensure:**

<table>
<thead>
<tr>
<th>CSD 257</th>
<th>Normal Communication Development 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 411</td>
<td>Facilitating Communication in Preschool Children 2</td>
</tr>
<tr>
<td>MATH 201</td>
<td>Number and Operations I 2</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Number and Operations II 2</td>
</tr>
<tr>
<td>MATH 303</td>
<td>Probability and Statistics in Grades 1-8 2</td>
</tr>
<tr>
<td>ES 286</td>
<td>Technology &amp; Special Education 1</td>
</tr>
<tr>
<td>ES 301</td>
<td>General Education Literacy Instruction PK-8 3</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations 3</td>
</tr>
<tr>
<td>LMED 305</td>
<td>Children’s Literature 3</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners 3</td>
</tr>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education 3</td>
</tr>
<tr>
<td>SPED 301</td>
<td>Observation and Participation with Students without Disabilities in Educational Programs 3</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management 3</td>
</tr>
<tr>
<td>SPED 331</td>
<td>Special Education Procedures and General Methods 2</td>
</tr>
<tr>
<td>SPED 401</td>
<td>Assessment of Students with Disabilities 3</td>
</tr>
<tr>
<td>SPED 402</td>
<td>Collaboration and Consultation 2</td>
</tr>
</tbody>
</table>
language, swallowing, and/or hearing, and to increasing our knowledge of the human communication processes.

The first step toward a career in this field is earning an undergraduate degree with a comprehensive major in Communication Sciences and Disorders. The undergraduate degree program includes a strong liberal education component and is interdisciplinary in nature. A master’s degree is required in order to obtain employment as a licensed speech-language pathologist. The Master of Science program in speech-language pathology at the University of Wisconsin-Eau Claire is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-296-5700. Our graduate students are also prepared for licensure by the Wisconsin Department of Public Instruction (DPI). More information about our graduate program is available on our Communication Sciences and Disorders website (https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/communication-sciences-disorders/academic-offerings/graduate-programs).

**Departmental Honors Program**

**Eligibility:** Acceptance into the program is limited to upper-class majors with resident and total GPAs of 3.50 or higher, an average of 3.50 or higher in CSD courses, and the consent of the department. Successful completion at time of application of CSD 256, CSD 257, and CSD 353, with a grade of B or above is also required. Students invited to join the CSD Departmental Honors program will not have taken any courses for a grade of Satisfactory or Unsatisfactory.

**Requirements:** Completion of two upper division CSD courses offering an Honors Contract; a Scholarship or Leadership project; presentation of project or research results at a CSD Pro-Sem during spring of senior year, CERCA, Provost’s Honor’s Symposium, and/or a state or national conference; and graduating with a cumulative GPA of 3.5 or higher and a GPA of 3.5 or higher in CSD course work.

**Admission to Major Requirements**

Formal admission to the Communication Sciences and Disorders program must be made. A student must be admitted to UW-Eau Claire as a pre-CSD student before applying to the CSD program. Admissions will take place three times each year. Applications, using the e-form, are due by February 15, June 15, and September 15 each year. In order to be considered for admission, students must have the following:

1. Been accepted as a pre-CSD student in the university in good standing.
2. Completed WRIT 114, WRIT 116, WRIT 118 or WRIT 120, and PSYC 100.
3. Completed one 3-5 credit Biology, Chemistry or Physics course from the following options: BIOL 105, BIOL 151, BIOL 214 or BIOL 221, IDS 125, CHEM 100, CHEM 103, or the combination of CHEM 105 and CHEM 106, or CHEM 115, or CHEM 127 or PHYS 100, PHYS 205, PHYS 211 or PHYS 308.
5. Completed one (1) of the following pairs of courses: CSD 256 AND CSD 262 or CSD 257 AND CSD 353.
6. Earned a grade of C or above in all courses listed above.
7. Earned a combined GPA of at least 3.0 across 3 of the 5 CSD courses listed above, plus one 3-5 credit science course listed above.
8. Submitted the application form, along with a recent degree audit by the deadline.

The CSD department uses a holistic admissions process. This means that grades earned in all course work will be used to make admissions decisions. In addition to grades, the admissions committee will use information gathered through
class participation in the CSD courses to support demonstration of acceptable speaking and writing skills and appropriate dispositional skills essential for success in this major. A faculty committee will make admissions decisions and notify all applicants before fall or spring registration begins.

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**Faculty**

Vicki Samelson, Chair
Bryan Brown
Shannon Collins
Kay Hagedorn
Abby Hemmerich
Jerry Hoepner
Thomas Kovacs
Kathryn Mueller
Tom Sather
Angela Sterling-Orth

Off-Campus Adjunct Faculty:
A current listing is available from the Chair of the Department.

**Majors**

- Comprehensive Major: Communication Sciences and Disorders, Liberal Arts (B.S. (p. 531))

**Certificates**

- Certificate: American Sign Language (ASL) (p. 531)

**American Sign Language, Certificate**

(Code 622-601)

The Communication Sciences and Disorders program offers a certificate program for interested students in American Sign Language (ASL). The goals of this program are for students to develop a depth of knowledge and skill in the use of ASL; students will appreciate the distinct culture of the Deaf community and behave according to the social norms of the culture; and students will apply semantic and/or linguistic elements of ASL in their use of the language. This certificate will not satisfy external standards. Interpreters must complete a minimum of an Associate’s degree; teachers of ASL must be licensed to teach ASL or hold Deaf and Hard of Hearing teacher licensure.

Completion of the ASL Certificate requires 18 credits of ASL coursework OR 12 resident credits of ASL coursework beyond CSD 102.

**Required courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 101</td>
<td>American Sign Language I</td>
<td>3</td>
</tr>
<tr>
<td>CSD 102</td>
<td>American Sign Language II</td>
<td>3</td>
</tr>
<tr>
<td>CSD 103</td>
<td>American Sign Language III</td>
<td>3</td>
</tr>
<tr>
<td>CSD 201</td>
<td>American Sign Language IV</td>
<td>3</td>
</tr>
<tr>
<td>CSD 210</td>
<td>Cultural Perspectives of the Deaf</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select one course from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 202</td>
<td>American Sign Language V</td>
<td></td>
</tr>
<tr>
<td>CSD 301</td>
<td>American Sign Language Semantics</td>
<td></td>
</tr>
<tr>
<td>CSD 302</td>
<td>American Sign Language Linguistics</td>
<td></td>
</tr>
</tbody>
</table>

**Communication Sciences and Disorders, Comprehensive Major**

**Liberal Arts (Code 622-053)**

**University Requirements**

**GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade Point Requirements (p. 50)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

| Minimum total                  | 30     |
| Senior year                    | 23     |
| Major, Standard, upper division in residence | 12    |
| Major, Comprehensive, upper division in residence | 21    |
| Certificate                    | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged...
to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**APPLICABILITY OF CREDITS TOWARD GRADUATION**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 12</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
</tr>
</tbody>
</table>

**Two-Year College Credits**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit by Examination</th>
<th>Satisfactory/Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
<td></td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td>Total KINS 100-184 maximum 1 credit</td>
<td>Total Band, chorus, drama maximum 12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4 credits</td>
<td></td>
</tr>
<tr>
<td>Extension credits</td>
<td>UW-System no maximum</td>
<td>Other extension/correspondence maximum ¼ of total</td>
</tr>
<tr>
<td>USAFI</td>
<td>USAFI maximum 32 credits</td>
<td></td>
</tr>
</tbody>
</table>

**LIBERAL EDUCATION CORE REQUIREMENTS**

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
</tr>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
</tr>
<tr>
<td></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Skills Goal**

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
</tr>
<tr>
<td></td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 3 (S3): Creativity (<a href="http://catalog.uwec.edu/undergraduate/attribute-s3">http://catalog.uwec.edu/undergraduate/attribute-s3</a>)</td>
</tr>
<tr>
<td></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Responsibility Goal**

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13">http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13</a>)</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-R2">http://catalog.uwec.edu/undergraduate/attribute-R2</a>)</td>
</tr>
<tr>
<td></td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues (<a href="http://catalog.uwec.edu/undergraduate/attribute-R3">http://catalog.uwec.edu/undergraduate/attribute-R3</a>)</td>
</tr>
<tr>
<td></td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

**Integration Goal**

<table>
<thead>
<tr>
<th>Integration Goal</th>
<th>Integration Outcome 1 (I1): Integration (<a href="http://catalog.uwec.edu/undergraduate/attribute-I1">http://catalog.uwec.edu/undergraduate/attribute-I1</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

**Service-Learning Goal**

<table>
<thead>
<tr>
<th>Service-Learning Goal</th>
<th>Service-Learning (<a href="http://catalog.uwec.edu/undergraduate/attribute-SL/#header13">http://catalog.uwec.edu/undergraduate/attribute-SL/#header13</a>)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30 hours</td>
</tr>
</tbody>
</table>

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**Liberal Education Core Requirements**

- A minimum of 36 credits
- Knowledge Goal
  - Knowledge Outcome 1 (K1): Natural Sciences
    - Two (2) learning experiences
    - One experience in laboratory science must be selected from either K1 or K2.
  - Knowledge Outcome 2 (K2): Social Sciences
    - Two (2) learning experiences
    - One experience in laboratory science must be selected from either K1 or K2.
  - Knowledge Outcome 3 (K3): Humanities
    - Two (2) learning experiences
    - One experience in laboratory science must be selected from either K1 or K2.
  - Knowledge Outcome 4 (K4): Fine Arts
    - One (1) learning experience

- Skills Goal
  - Skills Outcome 1 (S1): Written and Oral Communication
    - Two (2) learning experiences
    - One S1 must meet the University Writing Requirement (p. 49)
  - Skills Outcome 2 (S2): Mathematics
    - One (1) learning experience
    - One S2 to meet the University Mathematics Requirement (p. 50)
  - Skills Outcome 3 (S3): Creativity
    - One (1) learning experience

- Responsibility Goal
  - Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
    - Two (2) learning experiences
    - One R1 must satisfy Design for Diversity
  - Responsibility Outcome 2 (R2): Global Perspectives
    - One (1) learning experience
  - Responsibility Outcome 3 (R3): Civic and Environmental Issues
    - One (1) learning experience

- Integration Goal
  - Integration Outcome 1 (I1): Integration
    - Two (2) learning experiences

- Service-Learning Goal
  - Service-Learning
    - 30 hours
**College Degree Requirements**

**Human Sciences Departments**

**Specific Degree Requirements**
Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

**Bachelor of Science Degree in the College of Education and Human Sciences**
Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.(see University Graduation Requirements (p. 46))

**General Information**

**Placement Tests.** The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

**Degree Requirements**

**University Graduation Requirements.** All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

**Human Sciences Graduation Requirements: Grade Point Averages.** All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

**Major-Minor and Major-Certificate Requirements.** Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

**Admission Requirements**

Formal admission to the Communication Sciences and Disorders program must be made. A student must be admitted to UW-Eau Claire as a pre-CSD student before applying to the CSD program. Admissions will take place three times each year. Applications, using the e-form, are due by February 15, June 15, and September 15 each year. In order to be considered for admission, students must have the following:

1. Been accepted as a pre-CSD student in the university in good standing.
2. Completed WRIT 114, WRIT 116, WRIT 118 or WRIT 120, and PSYC 100.
3. Completed one 3-5 credit Biology, Chemistry or Physics course from the following options: BIOL 105, BIOL 151, BIOL 214 or BIOL 221, IDIS 125, CHEM 100, CHEM 103, or the combination of CHEM 105 and CHEM 106, or CHEM 115, or CHEM 127 or PHYS 100, PHYS 205, PHYS 211 or PHYS 308.
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**Major Requirements**

**Liberal Arts (Code 622-053)**

**Fifty-nine semester credits, including:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 235</td>
<td>Undergraduate Research in Communication Sciences and Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CSD 256</td>
<td>Anatomy and Physiology of Speech and Hearing</td>
<td>4</td>
</tr>
<tr>
<td>CSD 257</td>
<td>Normal Communication Development</td>
<td>3</td>
</tr>
<tr>
<td>CSD 262</td>
<td>Phonetics: Theory and Application</td>
<td>2</td>
</tr>
<tr>
<td>CSD 321</td>
<td>Aural Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td>CSD 326</td>
<td>Voice and Resonance Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 331</td>
<td>Child Language Disorders</td>
<td>4</td>
</tr>
<tr>
<td>CSD 352</td>
<td>Fluency Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 353</td>
<td>Speech and Hearing Science</td>
<td>3</td>
</tr>
<tr>
<td>CSD 358</td>
<td>Phonological Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSD 373</td>
<td>Basic Audiology</td>
<td>3</td>
</tr>
<tr>
<td>CSD 378</td>
<td>Introduction to Sign Language</td>
<td>3</td>
</tr>
<tr>
<td>or CSD 101</td>
<td>American Sign Language I</td>
<td></td>
</tr>
<tr>
<td>CSD 440</td>
<td>Neurological Aspects of Communication &amp; Cognition</td>
<td>2</td>
</tr>
<tr>
<td>CSD 485</td>
<td>Serving Diverse Populations</td>
<td>2</td>
</tr>
</tbody>
</table>

**Non-CSD courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology (Meets LE-K2)</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 260</td>
<td>Educational Psychology (Meets LE-K2)</td>
<td>3</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations (Meets LE-R1)</td>
<td>3</td>
</tr>
<tr>
<td>SW 100</td>
<td>Introduction to Social Welfare (Meets LE-R2 and I1)</td>
<td>3</td>
</tr>
</tbody>
</table>
Seven credits from the following CSD Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 150</td>
<td>Introduction to Communication Sciences and Disorders (Meets LE-K2 and R3)</td>
</tr>
<tr>
<td>CSD 370</td>
<td>Clinical Procedures in Communication Disorders</td>
</tr>
<tr>
<td>CSD 410</td>
<td>Communication Changes and Disorders of the Older Adult</td>
</tr>
<tr>
<td>CSD 411</td>
<td>Facilitating Communication in Preschool Children</td>
</tr>
<tr>
<td>CSD 415</td>
<td>Instructional Internship in Communication Disorders</td>
</tr>
<tr>
<td>CSD 419</td>
<td>Assistive Technology and Augmentative and Alternative Communication</td>
</tr>
<tr>
<td>CSD 448</td>
<td>Aphasia and Related Disorders</td>
</tr>
<tr>
<td>CSD 470</td>
<td>Clinical Practicum in Communication Disorders I (Meets LE-II and S3)</td>
</tr>
<tr>
<td>CSD 499</td>
<td>Independent Study - Seniors</td>
</tr>
</tbody>
</table>

Total Credits: 59

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5. Completed one (1) of the following pairs of courses: CSD 256 AND CSD 262 or CSD 257 AND CSD 353.
6. Earned a grade of C or above in all courses listed above.
7. Earned a combined GPA of at least 3.0 across 3 of the 5 CSD courses listed above, plus one 3-5 credit science course listed above.
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For students pursuing this degree, the Liberal Education program will include:

<table>
<thead>
<tr>
<th>K1 (Natural Sciences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least one Biology course from the following:</td>
</tr>
<tr>
<td>BIOL 105 General Biology</td>
</tr>
<tr>
<td>BIOL 151 Biology of Humans</td>
</tr>
<tr>
<td>BIOL 221 Foundations of Biology I</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>IDIS 125 Brain: Introduction to Neuroscience</td>
</tr>
<tr>
<td>AND at least one Chemistry or Physics course from the following:</td>
</tr>
<tr>
<td>CHEM 100 Chemistry: Issues and Answers</td>
</tr>
<tr>
<td>CHEM 103 General Chemistry I</td>
</tr>
<tr>
<td>CHEM 105 or CHEM 106 General Chemistry I Lecture</td>
</tr>
<tr>
<td>&amp; CHEM 106 General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHEM 115 Chemical Principles</td>
</tr>
<tr>
<td>CHEM 127 Chemistry and Climate</td>
</tr>
<tr>
<td>PHYS 100 Physical Science</td>
</tr>
<tr>
<td>PHYS 205 Physics of Renewable Energy</td>
</tr>
<tr>
<td>PHYS 211 General Physics</td>
</tr>
<tr>
<td>PHYS 231 University Physics I</td>
</tr>
<tr>
<td>PHYS 308 Science of Musical Sound</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100 Introduction to Psychology</td>
</tr>
<tr>
<td>PSYC 260 Educational Psychology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K3 (Humanities)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least one literature course and another learning experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K4 (Fine Arts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One fine arts course</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S1 (Written and Oral Communication)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least one writing course from the following:</td>
</tr>
<tr>
<td>WRIT 114 Intensive Blugold Seminar in Critical Reading and Writing</td>
</tr>
<tr>
<td>WRIT 116 Blugold Seminar in Critical Reading and Writing</td>
</tr>
<tr>
<td>WRIT 118 Accelerated Blugold Seminar in Critical Reading and Writing</td>
</tr>
<tr>
<td>WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students</td>
</tr>
<tr>
<td>AND at least one oral communication course from the following:</td>
</tr>
<tr>
<td>CJ 201 Introduction to Interpersonal Communication</td>
</tr>
<tr>
<td>CJ 202 Fundamentals of Speech</td>
</tr>
<tr>
<td>CJ 203 Fundamentals of Human Communication</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S2 (Mathematics)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 246 Elementary Statistics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSD 470 Clinical Practicum in Communication Disorders I (or another learning experience)</td>
</tr>
<tr>
<td>(CSD 470 is an elective course in the major)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385 Social Foundations: Human Relations</td>
</tr>
<tr>
<td>AND another learning experience</td>
</tr>
</tbody>
</table>
R2 (Global Perspectives)
SW 100 Introduction to Social Welfare (Also meets IL requirement)

R3 (Civic and Environmental Issues)
At least one of the following:
- CSD 150 Introduction to Communication Sciences and Disorders
- CHEM 100 Chemistry: Issues and Answers
- CHEM 127 Chemistry and Climate
- OR another learning experience

I1 (Integration)
One of the following:
- CSD 470 Clinical Practicum in Communication Disorders I (Elective in major)
- OR PSYC 281
- OR another learning experience

NOTE: Course in Western History or Western Contemporary Culture and course in Non-Western History or Non-Western Contemporary Culture are required.

NOTE: A master’s degree in Communication Sciences and Disorders is required for Early Childhood through Adolescence licensure in speech and language pathology prior to employment in Wisconsin schools.

NOTE: Enrollment in upper division courses, with the exception of CSD 301, CSD 302, CSD 311, CSD 353, CSD 378, CSD 410, CSD 411, CSD 415, CSD 419, CSD 495, and CSD 499, is restricted to students who have been admitted to the major.

Scholastic Requirements: A minimum total GPA of 2.50 and a minimum resident GPA of 2.50 are required to take 300- and 400-level major courses, with the exception of CSD 353, Speech and Hearing Science. A minimum CSD GPA of 3.50 and total GPA of 3.0 are required to enroll in CSD 370 and CSD 470.

Students must complete all courses in the CSD major, one statistics course, one human/animal biology course, one physics or chemistry course, and one social/behavioral science course with a grade of C or above by the time of graduation.

Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major in Communication Sciences and Disorders unless Satisfactory/Unsatisfactory is the only grading option available for a course.

Kinesiology
McPhee 219
715-836-3700
Department Website (https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/kinesiology)

Kinesiology is the study of the art and science of human movement. The mission of the Department of Kinesiology at the University of Wisconsin–Eau Claire is to foster purposeful learning in the science, application, and principles of Kinesiology to understand the full nature of human movement across the lifespan. We live and promote this mission by developing and preparing transformative learners to lead others in the achievement of a healthy, physically active lifestyle, and an enhanced quality of life.

Toward this end, the department offers majors in Rehabilitation Science, Exercise Science, and Kinesiology. The Kinesiology major has an emphasis in Teaching Early Childhood through Adolescence Physical Education. Minors are offered in the Science of Coaching, Adaptive Physical Education, and Kinesiology.

All the programs in the department are designed to stimulate intellectual development, instill leadership qualities, and promote service to others.

Information for All Students
A number of required courses within the majors and minors may undergo revision. Course information is therefore subject to change. See your academic advisor for additional information on how these changes may affect your individual plan of study.

Some courses require a special fee because of the nature of the activity or supplies required to complete the course. Current special course fees are shown in the Class Schedule.

Department programs may be limited by resources available. All new students are strongly encouraged to make contact with their assigned academic advisor early in the semester.

Additional Licensure and Certification

Adaptive Physical Education
Licensed physical education teachers who wish to add licensure in Adaptive Physical Education must complete either the minor or 15 semester credits including:

- SPED 200 Introduction to Diverse Learners
- Select one of the following: 3
  - SPED 210 Introduction to Intellectual Disabilities
  - UEC 220 Introduction to Inclusive Early Childhood Education
  - SPED 306 Behavior Management
  - KINS 484 Adapted Physical Education
  - KINS 487 Assessment in Adapted Physical Education
  - KINS 493 Practicum in Adapted Physical Education

No additional demonstration of content area proficiency is required

1 SPED 220 is the equivalent to UEC 220

Health Education
Licensed physical education teachers who wish to add licensure in Health Education must complete 25 semester credits.

- BIOL 130 Human Sexual Biology
- BIOL 151 Biology of Humans
- BIOL 196 Human Nutrition or KINS 450 Applied Nutrition in Kinesiology
- KINS 294 Anatomical Kinesiology
- KINS 308 Exercise Physiology
- KINS 335 Introduction to School Health Education and Current Health Issues
Teacher Education Candidates shall demonstrate Health Education content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Faculty
Jeff Janot, Chair
Nicholas Beltz
Saori Braun
Garry Grant
Yu-Lun Huang
Marquell Johnson
Peg Johnson
Yoonsin Oh
Tara Putnam
Robert Stow
Tadd Turnquist
Matt Wiggins

Majors
• Comprehensive Major: Kinesiology, Physical Education Teaching Emphasis - B.S. (p. 540)
• Comprehensive Major: Exercise Science - B.S. (p. 536)
• Comprehensive Major: Rehabilitation Science - B.S. (p. 543)

Minors
• Minor: Adaptive Physical Education, Teaching (p. 536)
• Minor: Kinesiology, Liberal Arts (p. 539)
• Minor: Science of Coaching, Liberal Arts (p. 547)
• Minor: Science of Coaching, Teaching (p. 547)

Exercise Science, Comprehensive Major
(Code 996-001)

University Requirements
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation 1 120
Upper division credits (courses numbered 300 and higher) 39
Liberal Education Core (p. 46) 36
Academic Concentrations (p. 50)
Grade Point Requirements (p. 50) 2
Total 2.00 average
Resident 2.00 average
Major 2.00 average
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.
Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.
### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td></td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td></td>
</tr>
</tbody>
</table>

| Skills Goal | |
|-------------|
| Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) | Two (2) learning experiences |
| Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2) | One (1) learning experience |
| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) | One (1) learning experience |

| Responsibility Goal | Two (2) learning experiences |
|---------------------|
| Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-ddiv/#header13) | |
| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) | One (1) learning experience |
| Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) | |

| Integration Goal | Two (2) learning experiences |
|-----------------|
| Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) | |

| Service-Learning Goal | |
|-----------------------|
| Service-Learning | |

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
</tr>
<tr>
<td>Credit by Examination</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
</tr>
<tr>
<td>Total degree credit</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
</tr>
<tr>
<td>Total KINS 100-184</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
</tr>
<tr>
<td>Extension credits</td>
</tr>
<tr>
<td>UW-System</td>
</tr>
<tr>
<td>Other extension/correspondence</td>
</tr>
<tr>
<td>USAFI</td>
</tr>
</tbody>
</table>
College Degree Requirements

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (http://catalog.uwec.edu/undergraduate/graduation-requirements))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Exercise Science, Comprehensive Major

Graduates of the B.S. in Exercise Science program will pursue coursework in exercise physiology and biomechanics; motor development; exercise prescription and assessment; strength and conditioning; social and behavioral science; anatomy; and in basic sciences among other areas. This overall preparation will allow graduates from this program to seek careers in community health promotion and education, worksite wellness, recreation, personal training, group exercise instruction, and sport science. The major is also rigorous enough to prepare students for advanced degrees in professional or graduate programs related to this field of study. Formal admission to the Exercise Science Major is typically made during the second year (either Fall or Spring) of attendance following the successful completion of KINS 304, KINS 308, and KINS 309. This will allow students to begin further coursework in the Exercise Science core in the subsequent semester.

The Exercise Sciences Program Committee will screen students for admission to the program. At the time of admission, students must:

1. Have completed KINS 304, KINS 308 and KINS 309 with a grade of C or better.

2. Demonstrated an overall cumulative GPA of 2.5 or higher in all other university coursework.

Students who are not admitted into the upper sequence of courses (KINS 312, KINS 357, KINS 476 and KINS 498) within the Exercise Science Major may seek admission the following or subsequent semesters provided all admission criteria are met. Those students who choose to reapply for admission are reminded that the program is a two-year course of study once admitted, which could delay their graduation up to one year.

Retention

Once admitted into the Exercise Science Major, the student must meet the following criteria to remain in the program:

1. Maintain a cumulative GPA of 2.5 in all university coursework.

2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Exercise Science.

3. Satisfactorily complete all courses and internship experiences (KINS 312, KINS 357, KINS 476, KINS 498, BIOL 196) within the Exercise Science core with a C or above.

To graduate from this program a student must achieve a 2.5 or higher total GPA.

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 309 (http://catalog.uwec.edu/search/?P=KINS%20309) must be taken on campus. Transfer students who are interested in the Exercise Science Major should inform the Admissions Office upon application for admission to the University and contact the program director.

Major Requirements

(Code 996-001)

Core Requirements for All Kinesiology Majors

(Except Athletic Training Code 995-060)

<table>
<thead>
<tr>
<th>Core Requirement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 294</td>
<td>Anatomical Kinesiology</td>
</tr>
<tr>
<td>KINS 304</td>
<td>Biomechanical Kinesiology</td>
</tr>
<tr>
<td>KINS 308</td>
<td>Exercise Physiology</td>
</tr>
</tbody>
</table>

3
KINS 426  Motor Development Across the Lifespan  3

Total Credits  12

**Exercise Science Major**

**Exercise Science Core Courses (21 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 196</td>
<td>Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KINS 309</td>
<td>Introduction to Exercise Science</td>
<td>3</td>
</tr>
<tr>
<td>KINS 312</td>
<td>Psychology of Sport and Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>KINS 357</td>
<td>Essentials of Strength and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>KINS 476</td>
<td>Exercise Science Seminar</td>
<td>3</td>
</tr>
<tr>
<td>KINS 498</td>
<td>Exercise Science Internship</td>
<td>6</td>
</tr>
</tbody>
</table>

**Exercise Science Secondary Area (27 credits from this list)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCOM 206</td>
<td>Business Writing</td>
<td></td>
</tr>
<tr>
<td>BCOM 207</td>
<td>Business Presentations</td>
<td></td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CSD 410</td>
<td>Communication Changes and Disorders of the Older Adult</td>
<td></td>
</tr>
<tr>
<td>ENPH 110</td>
<td>Introduction to Environmental Health</td>
<td></td>
</tr>
<tr>
<td>ENPH 115</td>
<td>Global Environmental and Public Health</td>
<td></td>
</tr>
<tr>
<td>ENPH 225</td>
<td>Introduction to Public Health</td>
<td></td>
</tr>
<tr>
<td>HCAD 222</td>
<td>Multidisciplinary Perspectives on Aging</td>
<td></td>
</tr>
<tr>
<td>KINS 200</td>
<td>Orientation to Kinesiology</td>
<td></td>
</tr>
<tr>
<td>KINS 275</td>
<td>Prevention and Care of Athletic/Exercise Injuries</td>
<td></td>
</tr>
<tr>
<td>KINS 290</td>
<td>Introduction to Physical Education</td>
<td></td>
</tr>
<tr>
<td>KINS 292</td>
<td>Management and Coaching Theory</td>
<td></td>
</tr>
<tr>
<td>KINS 300</td>
<td>Planning, Implementation, and Assessment: Invasion Games</td>
<td></td>
</tr>
<tr>
<td>KINS 301</td>
<td>Planning, Implementation, and Assessment: Adventure Activities</td>
<td></td>
</tr>
<tr>
<td>KINS 302</td>
<td>Planning, Implementation, and Assessment: Rhythms and Dance</td>
<td></td>
</tr>
<tr>
<td>KINS 303</td>
<td>Planning, Implementation, and Assessment: Fitness Concepts</td>
<td></td>
</tr>
<tr>
<td>KINS 305</td>
<td>Planning, Implementation, and Assessment: Net Games</td>
<td></td>
</tr>
<tr>
<td>KINS 313</td>
<td>Sociology of Sport and Physical Activity</td>
<td></td>
</tr>
<tr>
<td>KINS 335</td>
<td>Introduction to School Health Education and Current Health Issues</td>
<td></td>
</tr>
<tr>
<td>KINS 348</td>
<td>Exercise Science Apprenticeship</td>
<td></td>
</tr>
<tr>
<td>KINS 351</td>
<td>Cancer Recovery and Fitness Lab</td>
<td></td>
</tr>
<tr>
<td>KINS 352</td>
<td>Cancer Recovery and Fitness Seminar</td>
<td></td>
</tr>
<tr>
<td>KINS 445</td>
<td>Basic Electrocardiography</td>
<td></td>
</tr>
<tr>
<td>KINS 450</td>
<td>Applied Nutrition in Kinesiology</td>
<td></td>
</tr>
<tr>
<td>NRSG 220</td>
<td>The Language of Health Care</td>
<td></td>
</tr>
<tr>
<td>NRS3 375</td>
<td>Pharmacotherapeutics and Pathophysics for Allied Health Professionals</td>
<td></td>
</tr>
<tr>
<td>PHIL 306</td>
<td>Ethics of Health Care</td>
<td></td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development</td>
<td></td>
</tr>
<tr>
<td>PSYC 333</td>
<td>Psychology of Adulthood and Aging</td>
<td></td>
</tr>
<tr>
<td>PSYC 353</td>
<td>Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 380</td>
<td>Introduction to Behavior Modification</td>
<td></td>
</tr>
</tbody>
</table>

**Required LE courses not counted toward major:**

**K1 (Natural Sciences)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biology of Humans</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 100</td>
<td>Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS 211</td>
<td>General Physics</td>
<td></td>
</tr>
</tbody>
</table>

**S1 (Written and Oral Communication)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 114</td>
<td>Intensive Blugold Seminar in Critical Reading and Writing</td>
<td>5</td>
</tr>
<tr>
<td>or WRIT 116</td>
<td>Blugold Seminar in Critical Reading and Writing</td>
<td></td>
</tr>
<tr>
<td>or WRIT 118</td>
<td>Accelerated Blugold Seminar in Critical Reading and Writing</td>
<td></td>
</tr>
<tr>
<td>or WRIT 120</td>
<td>Blugold Seminar in Critical Reading and Writing for Transfer Students</td>
<td></td>
</tr>
</tbody>
</table>

**S2 (Mathematics)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

NOTE: The Service-Learning graduation requirement is met by the completion of required course work within this major.

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major or minor in Athletic Training or Kinesiology unless Satisfactory/Unsatisfactory is the only grading option available for a course.

NOTE: Students must maintain a cumulative GPA of at least 2.5 and complete all Exercise Science core courses with a C or above.

**Kinesiology, Minor**

**Liberal Arts (Code 991-457)**

Twenty-four semester credits, including:

**Core Requirement**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 294</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 304</td>
<td>Biomechanical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 308</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 426</td>
<td>Motor Development Across the Lifespan</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 312</td>
<td>Psychology of Sport and Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>KINS 313</td>
<td>Sociology of Sport and Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>KINS 357</td>
<td>Essentials of Strength and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>KINS 476</td>
<td>Exercise Science Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits  24
Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major

Teaching (Code 991-065)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

| Total                                                                 | 2.00 average |
| Resident requirements                                                   | 2.00 average |
| Major requirements                                                      | 2.00 average |
| Minor requirements                                                      | 2.00 average |
| Certificate requirements                                                | 2.00 average |

University Residency Requirements (p. 50)

| Minimum total                                                          | 30         |
| Senior year                                                             | 23         |
| Major, Standard, upper division in residence                           | 12         |
| Major, Comprehensive, upper division in residence                       | 21         |
| Certificate                                                             | 25 percent of credits |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/).

Enterprise (Code 991-065)

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits
Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

College Degree Requirements
University Requirements in Teacher Education in the College of Education and Human Sciences
College Requirements for Teacher Education
All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:
   - Resident 2.75 average
   - Total 2.75 average
   - Major 2.75 average
   - Minor (for certification only) 2.75 average
3. Residency requirements:
   - Minimum Total 30 credits
   - Senior Year 23 credits
   - Major, in upper division courses 12 credits
   - Comprehensive Major, in upper division courses 21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
(formerly Secondary Education and Special Subjects)
Liberal Education Requirements are listed in the table below

<table>
<thead>
<tr>
<th>K2 (Social Sciences)</th>
<th>PSYC 260</th>
<th>Educational Psychology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S3 (Creativity)</th>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R1 (Equity, Diversity, Inclusivity)</th>
<th>ES 385</th>
<th>Social Foundations: Human Relations (included in major)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I1 (Integration)</th>
<th>ES 497</th>
<th>Field Experience Seminar (included in major)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND another learning experience</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teacher Licensure Requirements - EC/A Licensure
Program Options B and C
These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through
adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an advisor in education as well.

Option C: EC-A
Early Childhood through Adolescence Licensure

Professional Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 212</td>
<td>Initial Teaching Experience in Elementary, Middle, and High School Settings</td>
<td>2</td>
</tr>
<tr>
<td>ES 312</td>
<td>General Methods of Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ES 317</td>
<td>Middle Level Methods and Curriculum</td>
<td>2</td>
</tr>
<tr>
<td>ES 318</td>
<td>Teacher Assisting</td>
<td>1</td>
</tr>
<tr>
<td>ES 328</td>
<td>Content Area Reading and Study Strategies</td>
<td>2</td>
</tr>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ES 490</td>
<td>Historical, Legal, and Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ES 497</td>
<td>Field Experience Seminar</td>
<td>2</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators</td>
<td>2</td>
</tr>
</tbody>
</table>

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 441</td>
<td>Student Teaching in Elementary Education</td>
<td>6</td>
</tr>
</tbody>
</table>

AND

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 445</td>
<td>Student Teaching in Middle Level Education</td>
<td>6</td>
</tr>
<tr>
<td>or ES 470</td>
<td>Student Teaching in Secondary Education</td>
<td></td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 440</td>
<td>Internship Teaching in Elementary Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 446</td>
<td>Internship Teaching in Middle Level Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 475</td>
<td>Internship Teaching in Secondary Education</td>
<td>6-12</td>
</tr>
</tbody>
</table>

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

<table>
<thead>
<tr>
<th>Code</th>
<th>Preregistered Courses</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Music, Instrumental/General

<table>
<thead>
<tr>
<th>Code</th>
<th>Preregistered Courses</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Music, Choral/General

<table>
<thead>
<tr>
<th>Code</th>
<th>Preregistered Courses</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kinesiology

<table>
<thead>
<tr>
<th>Code</th>
<th>Preregistered Courses</th>
<th>Additional Requirement</th>
<th>Praxis II or ACTFL Content Test Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Admission Requirements

Admission to Professional Education Programs (p. 508)

Admission to the College of Education and Human Sciences Teacher Education Program

See additional requirements for admission to EA-A (p. 511) and EC-A (p. 512) programs as well as additional requirements for licensure. The
Physical Education Teaching Program Committee will screen students for admission to the program and make recommendations to the EA-A/EC-A Admissions Committee based on:

1. A completed résumé outlining
   a. experiences with children and adolescents.
   b. involvement in professional organizations.
2. A formal interview.
3. A completed course of study form.
4. Performance evaluations from Kinesiology courses.
5. Resident and total GPA of 2.75 or higher.

Resources available limit the number of students admitted to the program. Not everyone who applies can be guaranteed admission.

Major Requirements
Teaching (Code 991-065)

Core Requirements for All Kinesiology Majors

(Except Athletic Training—Code 995-060)

Core Requirement
KINS 294 Anatomical Kinesiology 3
KINS 304 Biomechanical Kinesiology 3
KINS 308 Exercise Physiology 3
KINS 426 Motor Development Across the Lifespan 3
Total Credits 12

Kinesiology, Physical Education Teaching Emphasis
Sixty semester credits including the Core:

PE Module
KINS 290 Introduction to Physical Education 3
KINS 300 Planning, Implementation, and Assessment: Invasion Games 2
KINS 301 Planning, Implementation, and Assessment: Adventure Activities 2
KINS 302 Planning, Implementation, and Assessment: Rhythms and Dance 2
KINS 303 Planning, Implementation, and Assessment: Fitness Concepts 3
KINS 305 Planning, Implementation, and Assessment: Net Games 2
KINS 327 Movement Education for Elementary Grades 2
KINS 474 Research Methods in Kinesiology 4
KINS 496 Capstone-Teaching Physical Education 1
PSYC 260 Educational Psychology 3

Adaptive PE Module

Required Courses:
KINS 484 Adapted Physical Education 3
KINS 487 Assessment in Adapted Physical Education 3
KINS 493 Practicum in Adapted Physical Education 3

Elective Courses, choose one of the following: 3

Health Module

KINS 294 Anatomical Kinesiology 3
KINS 308 Exercise Physiology 3
KINS 335 Introduction to School Health Education and Current Health Issues 3
KINS 336 Strategies and Assessment in School Health Education 3
KINS 337 Health Education Curriculum Design 3
KINS 450 Applied Nutrition in Kinesiology 3
or BIOL 196 Human Nutrition 3
BIOL 130 Human Sexual Biology 3
BIOL 151 Biology of Humans 4

1 SPED 220 is the equivalent to UEC 220

Required LE courses not counted toward major:
K1 (Natural Sciences)
PHYS 100 Physical Science 4

S2 (Mathematics)
MATH 246 Elementary Statistics 4

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Physical Education, Adaptive Physical Education and Health Education in Early Childhood through Adolescence classrooms. Additionally, Teacher Education Candidates shall demonstrate content area proficiency through one of the following:

Students will earn a minimum 3.0/4.0 GPA in content courses OR through obtaining a passing score on the appropriate Praxis II/ACTFL exam.

For students who neither meet the minimum GPA requirement nor pass the appropriate Praxis II/ACTFL exam after at least two attempts, a content portfolio can be submitted which parallels the content evaluated on the Praxis II/ACTFL exam. The portfolio may only be submitted once.

Finally, the Service-Learning requirement is met by completion of required coursework in this emphasis.

NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major or minor in Athletic Training or Kinesiology, unless Satisfactory/Unsatisfactory is the only grading option available for a course.

Rehabilitation Science, Comprehensive Major
(Code 998-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements
Minimum total for graduation  
Upper division credits (courses numbered 300 and higher)  
Liberal Education Core (p. 46)  
Academic Concentrations (p. 50)

| Grade Point Requirements (p. 50) |  
|----------------------------------|---|
| Total                            | 2.00 average |
| Resident                         | 2.00 average |
| Major                            | 2.00 average |
| Minor                            | 2.00 average |
| Certificate                       | 2.00 average |

University Residency Requirements (p. 50)

| Minimum total                  | 30 |
| Senior year                     | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate                        | 25 percent of credits |

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippeewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following:

Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

Satisfactory/Unsatisfactory

| Total degree credit | maximum 12 |
| Major, Standard | maximum 1 course |
| Major, Comprehensive | maximum 2 courses |
| Total degree credit | maximum ¾ of total |
| Major or minor | maximum ½ of total |

Two-Year College Credits

| Total KINS 100-184 | maximum 1 credit |
| Total Band, chorus, drama | maximum 12 credits |
| Single course band, chorus, drama | maximum 4 credits |

Extension credits

| UW-System | no maximum |
| Other extension/ correspondence | maximum ¾ of total |

USAFI

| USAFI | maximum 32 credits |

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Liberal Education Core Requirements

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) | Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) | One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 50)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) | One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) | Two (2) learning experiences

One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) | One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) | One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) | Two (2) learning experiences

Integration Outcome 2 (I2): Independent Research Project (http://catalog.uwec.edu/undergraduate/attribute-I2) | One (1) learning experience

Integration Outcome 3 (I3): Interdisciplinary Experiences in Mathematics, Science, and Laboratory Science Courses. (http://catalog.uwec.edu/undergraduate/attribute-I3) | One (1) learning experience

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) | 30 hours

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Rehabilitation Science Comprehensive Major

This major is designed to provide foundational coursework and experiential learning with the intention to prepare students for professional school/graduate study in the area of cardiac rehabilitation, physical therapy, occupational therapy, chiropractic medicine, therapeutic recreation, rehabilitation sciences or medical school and physician assistant programs. In addition, this major will also prepare students to enter the workforce directly in medical-based fitness centers, cardiac rehabilitation programs, gerontology/senior fitness programs, and community centers involving physical activity programs for individuals with disabilities or special needs. Formal application to the Rehabilitation Science Major should be made during the second year (either fall or spring semester) of attendance while enrolled in KINS 320 Foundations of Rehabilitation Sciences. This will allow students to begin the 2-year course of study during the following academic year. The number of students admitted to the program is limited by available resources. Thus, not everyone who applies can be guaranteed admission (up to 25 new students are admitted each semester).

The Rehabilitation Science Program Committee will screen students for admission to the program. At the time of application, students must:

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (http://catalog.uwec.edu/undergraduate/graduation-requirements))
1. Students must have a minimum resident and total GPA of 2.75.
2. Submit a completed program application form.
3. Be enrolled in or have completed KINS 304, KINS 308, and KINS 320.
4. Submit a cover letter and resume highlighting qualifications related to Rehabilitation Science
Student admission will be based on the following criteria:
1. Total GPA - 40%
2. Overall performance in KINS 304, KINS 308, and KINS 320 - 36%
3. Evaluation of student cover letter, resume, and application self-reflective essays - 24%

Students who are not accepted in the Rehabilitation Science program may apply again the following semester. Those students who choose to re-apply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Retention
Once admitted into the Rehabilitation Science program, the student must meet the following criteria to remain in the program:
1. Maintain a 3.00 GPA in all Rehabilitation Science core courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Rehabilitation Science Major.
3. Complete each course, lab, and practicum experience within the Rehabilitation Science core (KINS 320, KINS 351, KINS 355, KINS 358, KINS 440, KINS 464, KINS 466, KINS 474, KINS 484 and KINS 491) with at least a C+.

To graduate from this program a student must achieve a 2.75 or higher total GPA.

Transfer Students
Transfer students must meet all application requirements prior to application to the program. KINS 320 must be taken on campus. Transfer students who are interested in the Rehabilitation Science Comprehensive Major should inform the Admissions Office upon application for admission to the University and contact the Rehabilitation Science program director.

Major Requirements
(Code 998-001)
Core Requirements for All Kinesiology Majors
(Except Athletic Training Code 995-060)
Core Requirement
KINS 294 Anatomical Kinesiology 3
KINS 304 Biomechanical Kinesiology 3
KINS 308 Exercise Physiology 3
KINS 426 Motor Development Across the Lifespan 3
Total Credits 12
Sixty semester credits including the Core:
Rehabilitation Science Core (28 credits)
KINS 320 Foundations of Rehabilitation Science 3

KINS 351 Cancer Recovery and Fitness Lab 1
KINS 355 Exercise Physiology Laboratory Assessment 3
KINS 358 Fitness Assessment and Exercise Prescription 4
KINS 440 Human Performance Seminar 3
KINS 464 Clinical Exercise Physiology 3
KINS 466 Community Fitness Programming 3
KINS 474 Research Methods in Kinesiology (Meets LE-I1 and LE-S3) 4
KINS 484 Adapted Physical Education 3
KINS 491 Practicum in Rehabilitation Science 1-2
Rehabilitation Science Secondary Area (20-21 credits)
BIOL 214 Human Anatomy and Physiology I 4
BIOL 314 Human Anatomy and Physiology II 4
CHEM 103 General Chemistry I (Meets LE-K1 and LE-K1L) 4-5
or CHEM 105 & CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory
MATH 246 Elementary Statistics (Meets LE-S2) 4
PHYS 100 Physical Science (Meets LE-K1 and LE-K1L) 4
or PHYS 211 General Physics

Required LE courses:
K1 (Natural Sciences)
PHYS 100 Physical Science 4
or PHYS 211 General Physics
CHEM 103 General Chemistry I 4-5
or CHEM 105 & CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory

S1 (Written and Oral Communication)
WRIT 114 Intensive Blugold Seminar in Critical Reading and Writing 5
or WRIT 116 Blugold Seminar in Critical Reading and Writing
or WRIT 118 Accelerated Blugold Seminar in Critical Reading and Writing
or WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students

S2 (Mathematics)
MATH 246 Elementary Statistics 4

I1 (Integration), S3 (creativity)
KINS 474 Research Methods in Kinesiology 4

Note: The Service-Learning graduation requirement is met by the completion of required course work within this major.
NOTE: No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major or minor in Athletic Training or Kinesiology unless Satisfactory/Unsatisfactory is the only grading option available for a course.

NOTE: Students must maintain a cumulative GPA of at least 3.0 in all Rehabilitation Science core courses and obtain at least a C+ in each of these courses.
Science of Coaching, Minor - Liberal Arts

Liberal Arts (Code 971-452)

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 275</td>
<td>Prevention and Care of Athletic/Exercise Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KINS 292</td>
<td>Management and Coaching Theory</td>
<td>2</td>
</tr>
<tr>
<td>KINS 294</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 304</td>
<td>Biomechanical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 308</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 492</td>
<td>Coaching Practicum and Seminar</td>
<td>4</td>
</tr>
</tbody>
</table>

Six credits from the following:

- KINS 312 Psychology of Sport and Physical Activity
- KINS 313 Sociology of Sport and Physical Activity
- KINS 357 Essentials of Strength and Conditioning

Total Credits 24

Science of Coaching, Minor - Teaching

Teaching (Code 971-403)

Twenty-four semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 275</td>
<td>Prevention and Care of Athletic/Exercise Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KINS 292</td>
<td>Management and Coaching Theory</td>
<td>2</td>
</tr>
<tr>
<td>KINS 294</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 304</td>
<td>Biomechanical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 308</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KINS 492</td>
<td>Coaching Practicum and Seminar</td>
<td>4</td>
</tr>
</tbody>
</table>

Six credits from the following:

- KINS 312 Psychology of Sport and Physical Activity
- KINS 313 Sociology of Sport and Physical Activity
- KINS 357 Essentials of Strength and Conditioning

No additional demonstration of content area proficiency is required

Total Credits 24

This minor leads to Early Childhood through Adolescence coaching licensure.

Social Work

Human Sciences and Services 253
715-836-4435
Department Website ([https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/social-work](https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/social-work))

The mission of the baccalaureate social work program at the University of Wisconsin-Eau Claire is to prepare students to engage in ethical, competent, evidence-informed generalist practice. Graduates will be committed to diversity, social and economic justice, the promotion of community well-being, and the interdependence of local and global issues. The goals of the Social Work Program are:

1. to prepare entry-level generalist social workers grounded in liberal arts education and the person in the environment construct;
2. to prepare entry-level generalist social workers for practice in a multicultural society within the context of professional values and ethics in public and private social service agencies, especially in those services which meet the needs of diverse individuals, families, groups, organizations and communities;
3. to prepare students to integrate research-informed practice and practice-informed research and to think critically and apply ethical principles in practice;
4. to prepare students for and instill in them a commitment to lifelong learning and the recognition, support and advancement of the profession; and
5. to prepare students for practice with diverse populations and for effective participation in community affairs in a global society through the promotion of social and economic justice.

The bachelor’s degree in social work (B.S.W.) is accredited by the Council on Social Work Education. Graduates of the program are eligible for examination for certification or licensure at the baccalaureate level. Graduates receive advanced standing in many Master of Social Work (MSW) programs.

Student Organizations

As members of the university community, social work students have an opportunity to participate in many student organizations, including the Association of Student Social Workers (ASSW). In addition to providing important chances for identification and socialization with the profession of social work, ASSW selects student representatives to participate actively in faculty committees. Other professional organizations open to students are the Council on Social Work Education, the National Association of Social Workers, and the Wisconsin Social Service Association.

Caregiver Law

All individuals involved in experiential education courses for credit in the Social Work Department must complete the background check process and are responsible for the associated processing fees. Students are also advised that past or future serious crimes that are substantially related to the duties of the position may limit or inhibit the student from securing service-learning opportunities, or internship placements, or both. In addition, the student may become ineligible to receive certification or licensure as a social worker.

Admission to Social Work Program

The Social Work Program operates under a selective admissions policy. The policy is based on the need to maintain a program of excellence in the classroom and to assure availability of quality internship placements. The Department of Social Work reserves the right to admit a limited number of students each semester. Meeting the minimum standards does not guarantee a student will be admitted to the major.

Social Work is a professional discipline on the baccalaureate level, and, thus, admissions and retention processes are implemented and strictly followed. Students are evaluated on a regular basis. Students interested in earning a Bachelor of Social Work Degree must first be admitted to the Social Work major. Enrollment in selected upper division social work courses is restricted...
to students who have been formally admitted to the major. This formal application to the major is the first step in meeting requirements for graduation with a B.S.W. degree. A second review of continued eligibility occurs with application for admission to internship (SW 481). Students with any concerns regarding eligibility are urged to consult their academic advisor. Students will be asked to sign a statement that they have read and agreed to abide by the National Association of Social Workers’ Code of Ethics. Students may appeal a denial of admission to the major or internship by following procedures outlined in the Social Work Student Handbook or the Social Work Internship Manual, as applicable.

Application Process and Procedures
1. Students seeking admission are required to complete an application form available from the department office. At the point of admission:
   a. Students must have accumulated 30 credits.
   b. The university service learning requirement must have been completed.
   c. A minimum GPA of 2.5 is required in the following courses:
      SW 100, SW 290, and PSYC 100. Each course must be completed with a grade of C or above.
   d. A minimum total GPA of 2.5 is required, which includes courses transferred from other colleges and universities.
   e. Students will show knowledge of social work and a commitment to social work values as demonstrated by the submission of a single-spaced essay up to two pages that addresses how your values and experiences have informed your decision to select social work as a major.
   f. Students must be in good academic standing in the semester in which they apply.
   g. Any student who withdraws from the social work major at UW-Eau Claire or who does not take classes at UW-Eau Claire for two or more sequential semesters must reapply for admission into the program.
   h. Students may repeat a grade below C in SW 100 and/or SW 290 according to University guidelines. Repeat of course(s) must be completed (not current) for any such courses before application for admission will be processed.
   i. Completion of University Writing Requirement

Admission to Social Work Internship
Criteria for admission into Internship: The Social Work Field Director will determine eligibility for internships on the basis of the following criteria. A student must have
1. completed SW 100, SW 220, SW 290, SW 320, SW 323, SW 335, SW 383, SW 405, and SW 471 with a grade of C or above. This includes courses that are transferred in as equivalent to any of these courses;
2. earned a minimum GPA of 2.50 in SW 100 and all courses with an SW prefix;
3. earned a total GPA of 2.50;
4. completed a criminal background application within one year of the planned internship;
5. participated in the Internship Orientation Sessions prior to registration;
6. been accepted by an agency approved for field instruction by the Department of Social Work;

Graduation Requirements
To graduate with the Bachelor of Social Work (B.S.W.) degree, students must have
1. a GPA of 2.50 in SW 100 and in all courses with the SW prefix;
2. achieved completion of SW 100 and all required SW courses, including transfer courses, with a grade of C or above;
3. demonstrated competencies suitable for the profession; and
4. completed all program requirements.

Faculty
Leah Olson-McBride, Chair
Kao Nou Moua
Joshua Potter-Efron
Lisa Quinn-Lee
Jamie Tester

Majors
• Comprehensive Major: Social Work, Liberal Arts - B.S.W. (p. 549)

Minors
• Minor: Gerontology, Liberal Arts (p. 548)

Certificates
• Certificate: Social Work, Gerontology (p. 553)

Gerontology, Minor
Liberal Arts (Code 670-400)
Advisor: L. Olson-McBride

Gerontology is a multidisciplinary field that examines the correlates and consequences of human aging. To reflect this multidisciplinarity, the Gerontology minor includes courses from a variety of academic disciplines. Objectives of the minor include:
1. promoting an understanding of the multifaceted nature of the human aging process;
2. generating awareness of both the rewards and challenges associated with aging;
3. providing a broad program of study that complements a number of major programs and prepares students for graduate study and/or careers in the field of aging.

Twenty-four semester credits, including:

Select at least one of the following:
SW 315 Aging and the Aged 3
SW/NRSN 360 Death and Bereavement 3

Select remaining credits from the following:
BIOL 151 Biology of Humans
BIOL 196 Human Nutrition
BIOL 314 Human Anatomy and Physiology II
CSD 410 Communication Changes and Disorders of the Older Adult
ECON 280 Health Economics
HCAD 201 Overview of the U.S. Health Care System: A Policy Perspective
HCAD 222 Multidisciplinary Perspectives on Aging
IDIS 125 Brain: Introduction to Neuroscience
NRSG 211 Wellness: Food for Fitness
NRSG 212  Navigating Health Care  
NRSG 213  Body, Mind, Spirit Wellness  
PHIL 306  Ethics of Health Care  
PSYC 230  Human Development  
PSYC 333  Psychology of Adulthood and Aging  
RELS 315  Psychology of Religion  
SOC 316  Sociology of Family  
SOC 364  Social Gerontology  
SW 315  Aging and the Aged  
SW/NRSG 360  Death and Bereavement  

Up to three credits from Directed Studies, Independent Study, or Special Topics courses that focus on gerontological issues may be applied to the minor with approval from the Gerontology minor advisor.

(Code 460-605)

The Social Work Program offers two certificates, the Social Work—Child Welfare Certificate and the Social Work—Gerontology Certificate. Both certificates require 12 credits of course work. These certificates are open only to majors within the College of Education and Human Sciences.

Child Welfare Certificate

The child welfare certificate is developed around preparing students to become an effective advocate for children as victims and survivors of child abuse. The coursework within this program will increase students’ understanding of factors that lead to child maltreatment, as well as how to work effectively in various agencies and systems to respond to such incidents. Students may want to add a child welfare certificate if they are interested in areas such as child protective services, foster care, or adoption.

Requirements:

The student must complete, at a grade level of C or above, the required Social Work course within the selected certificate program and three other electives from the list of electives for the certificate program (see the following).

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 385</td>
<td>Child Welfare</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (Choose nine credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 395</td>
<td>Directed Studies</td>
<td>3</td>
</tr>
<tr>
<td>CRMJ 302</td>
<td>Youth Crime and Juvenile Justice</td>
<td>3</td>
</tr>
<tr>
<td>HIST 370</td>
<td>History of the Family in America</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 331</td>
<td>Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 332</td>
<td>Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 334</td>
<td>Psychology of the Exceptional Child</td>
<td>3</td>
</tr>
<tr>
<td>SOC 316</td>
<td>Sociology of Family</td>
<td>3</td>
</tr>
<tr>
<td>SPED 200</td>
<td>Introduction to Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>SPED 465</td>
<td>Child Abuse and Neglect: Educational Implications</td>
<td>3</td>
</tr>
</tbody>
</table>

Other courses as approved by the student’s advisor and department chair. All certificate courses must be completed with a C (or S) or better.

Social Work, Comprehensive Major

Liberal Arts (Code 460-051)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>90</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/
EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Satisfactory/Unsatisfactory</th>
<th>Total degree credit</th>
<th>maximum 12 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Major, Standard</td>
<td>maximum 1 course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total degree credit</td>
<td>maximum ¼ of total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Major or minor</td>
<td>maximum ½ of total</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Two-Year College Credits</td>
<td>maximum 72 credits</td>
<td></td>
</tr>
</tbody>
</table>

| Activity credit (band, chorus, drama, KINS 100-184) |
| Total KINS 100-184 | maximum 1 credit |
| Total Band, chorus, drama | maximum 12 credits |
| Single course band, chorus, drama | maximum 4 credits |

### Extension credits

- UW-System: no maximum credits
- Other extension/correspondence: maximum ¼ of total credits

| USAFI | USAFI | maximum 32 credits |

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

### LIBERAL EDUCATION CORE REQUIREMENTS

- a minimum of 36 credits

#### Knowledge Goal

<table>
<thead>
<tr>
<th>Knowledge Objective</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 3 (K3): Humanities</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Knowledge Outcome 4 (K4): Fine Arts</td>
<td>1 learning experience</td>
</tr>
</tbody>
</table>

#### Skills Goal

<table>
<thead>
<tr>
<th>Skills Objective</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics</td>
<td>1 learning experience</td>
</tr>
<tr>
<td>Skills Outcome 3 (S3): Creativity</td>
<td>1 learning experience</td>
</tr>
</tbody>
</table>

#### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Objective</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity</td>
<td>2 learning experiences</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives</td>
<td>1 learning experience</td>
</tr>
<tr>
<td>Responsibility Outcome 3 (R3): Civic and Environmental Issues</td>
<td>1 learning experience</td>
</tr>
</tbody>
</table>

#### Integration Goal

<table>
<thead>
<tr>
<th>Integration Objective</th>
<th>Maximum Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integration Outcome 1 (I1): Integration</td>
<td>2 learning experiences</td>
</tr>
</tbody>
</table>

#### Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours
College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
  - Another standard major (at least 36 credits), or
  - A minor (at least 24 credits), or
  - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirement

The Social Work Program operates under a selective admissions policy. The policy is based on the need to maintain a program of excellence in the classroom and to assure availability of quality internship placements. The Department of Social Work reserves the right to admit a limited number of students each semester. Meeting the minimum standards does not guarantee a student will be admitted to the major.

Social Work is a professional discipline on the baccalaureate level, and, thus, admissions and retention processes are implemented and strictly followed. Students are evaluated on a regular basis. Students interested in earning a Bachelor of Social Work Degree must first be admitted to the Social Work major. Enrollment in selected upper division social work courses is restricted to students who have been formally admitted to the major. This formal application to the major is the first step in meeting requirements for graduation with a B.S.W. degree. A second review of continued eligibility occurs with application for admission to internship (SW 481). Students with any concerns regarding eligibility are urged to consult their academic advisor. Students will be asked to sign a statement that they have read and agreed to abide by the National Association of Social Workers’ Code of Ethics. Students may appeal a denial of admission to the major or internship by following procedures outlined in the Social Work Student Handbook or the Social Work Internship Manual, as applicable.

Application Process and Procedures

1. Students seeking admission are required to complete an application form available from the department office. At the point of admission:
   a. Students must have accumulated 30 credits.
   b. The university service learning requirement must have been completed.
   c. A minimum GPA of 2.5 is required in the following courses: SW 100, SW 290, and PSYC 100. Each course must be completed with a grade of C or above.
   d. A minimum total GPA of 2.5 is required, which includes courses transferred from other colleges and universities.
   e. Students will show knowledge of social work and a commitment to social work values as demonstrated by the submission of a single-spaced essay up to two pages that addresses how your values and experiences have informed your decision to select social work as a major.
   f. Students must be in good academic standing in the semester in which they apply.
   g. Any student who withdraws from the social work major at UW-Eau Claire or who does not take classes at UW-Eau Claire for two or more sequential semesters must reapply for admission into the program.
   h. Students may repeat a grade below C in SW 100 and/or SW 290 according to University guidelines. Repeat of course(s) must be completed (not current) for any such courses before application for admission will be processed.
   i. Completion of University Writing Requirement

Admission to Social Work Internship

Criteria for admission into Internship: The Social Work Field Director will determine eligibility for internships on the basis of the following criteria. A student must have

1. completed SW 100; SW 220, SW 290, SW 320, SW 323, SW 335, SW 383, SW 405, and SW 471 with a grade of C or above. This includes courses that are transferred in as equivalent to any of these courses;
2. earned a minimum GPA of 2.50 in SW 100 and all courses with an SW prefix;
3. earned a total GPA of 2.50;
4. completed a criminal background application within one year of the planned internship;
5. participated in the Internship Orientation Sessions prior to registration;
6. been accepted by an agency approved for field instruction by the Department of Social Work;

Major Requirements

Liberal Arts (Code 460-051)
Core courses in Social Work

Sixty semester credits, including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 100</td>
<td>Introduction to Social Welfare (Meets LE - I1)</td>
<td>3</td>
</tr>
<tr>
<td>SW 220</td>
<td>Interpersonal Skills</td>
<td>3</td>
</tr>
<tr>
<td>SW 290</td>
<td>Human Rights and Global Justice</td>
<td>3</td>
</tr>
<tr>
<td>SW 320</td>
<td>Generalist Social Work Practice with Individuals</td>
<td>3</td>
</tr>
<tr>
<td>SW 323</td>
<td>Methods of Social Work Research (Meets LE - S3)</td>
<td>3</td>
</tr>
<tr>
<td>SW 335</td>
<td>Human Behavior and the Social Environment</td>
<td>3</td>
</tr>
<tr>
<td>SW 383</td>
<td>Social Welfare Policies and Programs</td>
<td>3</td>
</tr>
<tr>
<td>SW 405</td>
<td>Culturally Competent SW Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW 471</td>
<td>Generalist Social Work Practice with Families/Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW 472</td>
<td>Generalist Social Work Practice with Communities/Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SW 481</td>
<td>Social Work Internship (Meets LE - I1)</td>
<td>12</td>
</tr>
<tr>
<td>SW 482</td>
<td>Social Work Internship - International</td>
<td>6</td>
</tr>
</tbody>
</table>

Select any elective from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 309</td>
<td>Community-based Corrections</td>
<td>3</td>
</tr>
<tr>
<td>SW 315</td>
<td>Aging and the Aged</td>
<td>3</td>
</tr>
<tr>
<td>SW 360</td>
<td>Death and Bereavement</td>
<td>3</td>
</tr>
<tr>
<td>SW 385</td>
<td>Child Welfare</td>
<td>3</td>
</tr>
<tr>
<td>SW 424</td>
<td>Alcohol and Other Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>SW 489</td>
<td>Social Work in Mental Health Settings</td>
<td>3</td>
</tr>
<tr>
<td>SW 491</td>
<td>Special Topics</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Any Sociology course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Any Political Science course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Any Economics course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>One course with K3 designation ¹</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 60

¹ This is in addition to the university requirement of two K3 learning experiences

Recommended learning experiences to fulfill LE requirements:

<table>
<thead>
<tr>
<th>K1 (Natural Sciences)</th>
<th>BIOL 105</th>
<th>General Biology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIOL 130</td>
<td>Human Sexual Biology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BIOL 151</td>
<td>Biology of Humans</td>
<td>4</td>
</tr>
</tbody>
</table>

| K3 (Humanities)   | AIS 101 | Introduction to American Indian History and Cultures | 3 |
|                  | AIS 240 | American Indian History                              | 3 |
|                  | AIS 243 | Introduction to Contemporary American Indian Communities | 3 |
|                  | ENGL/WGSS 296 | Perspectives on Women’s Literature | 3 |
|                  | HIST 205 | American Women’s History | 3 |
|                  | LANG 160 | Ojibwe Culture and History | 3 |

| WGSS 100 | Introduction to Women’s, Gender, and Sexuality Studies | 3 |
| WGSS 210 | Contemporary Feminisms | 3 |
| WGSS 215 | African-American Feminism in the Humanities | 3 |
| WGSS 260 | Masculinity Studies and Feminist Theories | 3 |

S1 (Written and Oral Communication)

- Spanish is recommended and may be used for S1. Non-foreign language S1 courses such as the following may be substituted if desired.
  - CJ 201 Introduction to Interpersonal Communication 3
  - CJ 203 Fundamentals of Human Communication 3

R1 (Equity, Diversity, and Inclusivity)

- AIS 101 Introduction to American Indian History and Cultures 3
- AIS 240 American Indian History 3
- AIS 243 Introduction to Contemporary American Indian Communities 3
- ENGL 268 Survey of American Ethnic Literature 3
- ENGL 296 Perspectives on Women’s Literature 3
- HUMS 210 Voices of Color in America 3
- PSYC 230 Human Development 3
- PSYC 332 Psychology of Adolescence 3
- SOC 101 Introduction to Sociology 3
- SOC 312 Race and Ethnicity in the U.S. 3
- WGSS 100 Introduction to Women’s, Gender, and Sexuality Studies 3
- WGSS 111 Gender, Race, Class, and Communication: The Social Construction of Identity 3
- WGSS 205 American Women’s History 3
- WGSS 206 Perspectives in LGBTQ Studies 3
- WGSS 215 African-American Feminism in the Humanities 3
- WGSS 260 Masculinity Studies and Feminist Theories 3

NOTE 1: Social Work majors will still be required to complete their Service-Learning Requirement prior to application for admission to the program and SW 290 has Service-Learning embedded for all students. Some social work positions require fluency in a foreign language, and students are encouraged to consider a minor in Spanish.

NOTE 2: A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major.

NOTE 3: To Graduate with a Bachelor of Social Work (B.S.W.) degree, students must have:

1. a GPA of 2.5 in SW 100 and in all courses with the SW prefix
2. achieved completion of SW 100 and all required SW courses, including transfer courses, with a grade of C or above
Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in SW 100 or any Social Work Department course numbered 200 or higher which is required for the major.

Students must meet all course prerequisites.

Social Work, Gerontology, Certificate

(Code 460-601)

The Social Work Program offers two certificates, the Social Work—Child Welfare Certificate and the Social Work—Gerontology Certificate. Both certificates require 12 credits of course work. These certificates are open only to majors within the College of Education and Human Sciences.

Gerontology Certificate

A certificate in gerontology is a great addition to a major. In an aging society, social workers with a focus in gerontology are highly desirable within the industry. If students are interested in the improved care and quality of life for older adults, this is an excellent choice. Students will examine the psychological, social, and health aspects associated with aging. Students will also enhance their understanding of how to effectively work with older adults in various settings such as hospitals, senior centers, or long-term care facilities.

Requirements:

The student must complete, at a grade level of C or above, the required Social Work course within the selected certificate program and nine additional credits from the list of electives for the certificate program (see the following).

Required Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 315</td>
<td>Aging and the Aged</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (Choose nine credits) 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 196</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>CSD 410</td>
<td>Communication Changes and Disorders of the Older Adult</td>
</tr>
<tr>
<td>ECON 280</td>
<td>Health Economics</td>
</tr>
<tr>
<td>HCAD 201</td>
<td>Overview of the U.S. Health Care System: A Policy Perspective</td>
</tr>
<tr>
<td>HCAD 222</td>
<td>Multidisciplinary Perspectives on Aging</td>
</tr>
<tr>
<td>NRSN 211</td>
<td>Wellness: Food for Fitness</td>
</tr>
<tr>
<td>NRSN 212</td>
<td>Navigating Health Care</td>
</tr>
<tr>
<td>NRSN 213</td>
<td>Body, Mind, Spirit Wellness</td>
</tr>
<tr>
<td>PHIL 306</td>
<td>Ethics of Health Care</td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
</tr>
<tr>
<td>PSY 333</td>
<td>Psychology of Adulthood and Aging</td>
</tr>
<tr>
<td>RELS 315</td>
<td>Psychology of Religion</td>
</tr>
<tr>
<td>SOC 316</td>
<td>Sociology of Family</td>
</tr>
<tr>
<td>SOC 364</td>
<td>Social Gerontology</td>
</tr>
<tr>
<td>SW/NRSN 360</td>
<td>Death and Bereavement</td>
</tr>
</tbody>
</table>

Other courses as approved by the student’s advisor and department chair. All certificate courses must be completed with a C (or S) or better.
College of Nursing and Health Sciences

Linda K. Young, Dean and Educational Administrator (Nursing 103)
Debra Jansen, Associate Dean (Nursing 103/215)

The University of Wisconsin-Eau Claire College of Nursing and Health Sciences educates nurses at the baccalaureate, master’s, and doctoral levels. We offer various options for earning a Bachelor of Science in Nursing (BSN) degree. Our traditional pre-licensure undergraduate program is taught both at our main campus in Eau Claire and at our distance education site at the Marshfield Medical Center in Marshfield, Wisconsin, in cooperation with Marshfield Clinic Health System. We offer a BSN Completion program for registered nurses with associate degrees or diplomas in nursing interested in earning a BSN degree. At the graduate level we offer the Master of Science in Nursing (MSN) degree and the Doctor of Nursing Practice (DNP) degree.

Mission Statement of the College of Nursing and Health Sciences

Building on a foundation of excellence, liberal education, and inclusivity, the College of Nursing and Health Sciences fosters the transformation of individuals at the undergraduate and graduate levels into leaders in professional nursing practice, education, and scholarship. High-impact educational experiences, scholarship, and service to our communities enhance the personal and professional growth of students and faculty while promoting life-long learning.

Department:

Nursing (p. 558)

Accreditation

The nursing programs are approved by the Wisconsin State Board of Nursing. The baccalaureate and master’s programs are accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791, through December 31, 2021. The Doctor of Nursing Practice (DNP) program is accredited by CCNE through December 31, 2026.

Baccalaureate Program

The nursing programs are oriented toward the belief that a broad liberal education is an essential foundation for the preparation of professionals. Through the biological and social sciences, the humanities, and the nursing science courses, the concepts of humanity, health, environment, and nursing are interwoven in a curriculum that clinically addresses nursing across the lifespan of health-care recipients.

Marshfield Site

In addition to the Eau Claire campus, the nursing program of study is available in Marshfield, Wisconsin at the Marshfield Medical Center in cooperation with Marshfield Clinic Health System. Persons interested in further information regarding the Marshfield Site should contact the College of Nursing and Health Sciences Marshfield Site Coordinator.

Program/Student Learning Outcomes

Students graduating from UW-Eau Claire with the Bachelor of Science in Nursing degree demonstrate accomplishment of the AACN Baccalaureate Essentials* through:

1. Integration of liberal and nursing education, with particular distinction in:
   - leading change in complex health care environments.
2. Organizational and systems leadership for patient safety and quality care, with particular distinction in:
   - developing effective working relationships for quality improvement and optimizing patient care outcomes.
3. Scholarship for evidence-based practice, with particular distinction in:
   - providing leadership in the synthesis and application of evidence with integration into changing standards of care.
4. Information management and application of patient care technology.
5. Understanding of health care policy, finance and regulatory environments, with particular distinction in:
   - advocacy for individuals, families, and communities.
6. Interprofessional communication and collaboration for improving patient health outcomes, with particular distinction in:
   - delivery of evidence-based, patient-centered care;
   - coordination of care across settings and through the health-illness trajectory.
7. Clinical prevention and population health for optimizing health, with particular distinction in:
   - analysis of population health needs, determinants, and resources, and development of action strategies.
8. Professionalism and professional values, with particular distinction in:
   - ethical practice, social responsibility, a commitment to social justice, and global citizenship;
   - delivery of culturally competent care within diverse settings and/or populations.
9. Beginning competence in baccalaureate generalist nursing practice, with particular distinction in:
   - holistic, relationship-based care incorporating therapeutic use of self;
   - integration of nursing concepts, human responses, and safe and competent nursing care;
   - use of nursing process to effect highest quality health outcomes.

*The Essentials of Baccalaureate Education for Professional Nursing Practice, AACN, 2008

Costs

Nursing is a professional discipline, and students enrolled in the nursing program must anticipate some additional costs that are directly related to the nursing program. These include, for example, uniforms, nursing textbooks, health requirements, personal health insurance, background checks, application and course fees, some clinical equipment (e.g., stethoscope, skills laboratory supplies), and transportation associated with clinical experiences. Note that textbook costs can be high, particularly in the early nursing courses; however, many of the books continue to be utilized in subsequent semesters. Additionally, admitted students should have wireless laptop access. Courses at the Marshfield Site carry fees in addition to the typical undergraduate tuition. Contact the Associate Dean or Marshfield Site Coordinator for details.

Financial Assistance

Nursing students applying for financial assistance will be considered by the Financial Aid Office on the same basis as other university students. Application forms for financial assistance are available from Blugold Central. Information regarding scholarships available to students after admission to the nursing program is available on the College of Nursing and Health Sciences (https://www.uwec.edu/academics/college-nursing-health-sciences) website, in the Eau Claire Nursing Learning Resource Center (Room 154), in the Marshfield Site program office, and on the university’s scholarship page.
Clinical Experiences

Various health and social agencies and institutions are utilized for student learning experiences. Experiences are provided through facilities such as hospitals, schools, nursing homes, public health agencies, child day-care centers, and other community health agencies. Students are responsible for transportation to and from clinical experiences. Some clinical experiences are in other communities.

Organizations and Activities

Membership in the National Student Nurses’ Association and the Wisconsin Student Nurses’ Association is achieved through joining the Eau Claire Student Nurses’ Association. The organization meets regularly to promote the aims of nursing education and provide students experience with respect to the issues and operations of the professional nursing organizations.

UW-Eau Claire students with a faculty advisor also formed the Northwestern Wisconsin Chapter of the American Assembly for Men in Nursing. The chapter is part of the larger American Assembly for Men in Nursing (AAMN) organization and is open to all genders.

Sigma Theta Tau International (now referred to as Sigma) is the Nursing Honor Society. Membership to the local Delta Phi Chapter is by invitation to juniors, seniors, and graduate students who demonstrate outstanding academic, scholarship, and leadership potential.

Study Abroad Program

Summer study abroad health profession options in Puebla, Mexico and Valladolid, Spain are of special interest to students in nursing and other majors with an interest in health care. Summer Latin American culture and Spanish language experiences also are available in Costa Rica. Students expecting to take first semester senior nursing courses during a fall term may consider a nursing study abroad opportunity available through the University of Evansville at Harlaxton, England.

Academic Regulations

Students who are enrolled in nursing courses are expected to arrange for make-up of all class and laboratory work missed, regardless of the reason for the absence. If the absence is anticipated, arrangements for make-up should be made prior to the absence. Students who have missed an excessive portion of the course may be advised to withdraw. Please also refer to the College Admission Requirements (p. 556) and the Nursing Overview (p. 558) for additional academic regulations.

Incompletes

A grade of “incomplete” is allowed only when illness or other extenuating circumstances beyond the student’s control have interfered with completion of the course, and the plan for completion is a clearly viable alternative for meeting the course objectives. Students may not progress to courses that have a prerequisite course, in which a mark of “incomplete” has been received. For the traditional undergraduate nursing program, students are not allowed to progress further in the nursing program until the course with the incomplete grade is successfully completed. Students in the traditional program are expected to be enrolled full-time in the required nursing courses.

Unsatisfactory Grades in Nursing Courses (Grade of less than C)

Any of the following may result in an unsatisfactory grade in a nursing course:

- Clearly unsatisfactory achievement in either the theoretical or the practicum component of a nursing course.

Nursing Student Progression

1. Students must receive a satisfactory clinical evaluation in each of the critical areas on a summative clinical evaluation of a course. These areas are:
   a. Effective noticing (focused observation, recognizing deviations from expected patterns, and information seeking);
   b. Effective interpreting (prioritizing data and making sense of data);
   c. Effective responding (calm, confident manner, clear communication, well-planned intervention/flexibility, and being safe and skillful);
   d. Effective reflecting (evaluation/self-analysis and commitment to improvement);
   e. Respectful and professional behavior;
   f. Professional attire;
   g. Professional values; and
   h. Accountability and responsibility for own professional behavior.

2. If a student demonstrates deficiencies that the instructor determines are clearly unsafe or unprofessional behaviors, the student will be immediately removed from the clinical situation.

3. Allowing students to do remedial work in a required nursing course is a course faculty decision.

4. Remedial work not completed before the end of a semester will result in the student receiving an incomplete or a failing grade.

5. A student may repeat only two required nursing courses. Only one of these repeated courses may be a clinical course. Failure in or withdrawal from a third nursing course, or a second clinical course, will result in dismissal from the program.

6. When a faculty member has determined that a student has failed a clinical component of a course at any point during the semester, a course grade of F will be assigned and the student cannot withdraw from the course.

Termination from Program

A student may be terminated from the nursing program for any of the following reasons:

- Failure to regain good standing.
- A second instance of probation within the college.
- Failure to demonstrate the potential for consistently safe and responsible nursing practice.
- Likelihood that a student’s condition or prior experience will adversely affect the student, other persons, the university, an agency or unit used for clinical practice, or the patients or clients served.
- Failure in or withdrawal from a third nursing course or a second clinical course.

A student who has been notified of termination may appeal for reinstatement. Termination from the program constitutes dismissal from the nursing program only. A student’s status within the university is not affected provided the university standards for good standing are met.
Dean’s List
At the end of each semester, the College of Nursing and Health Sciences recognizes excellence in scholastic achievement by publishing the Dean’s List. To be eligible, a student must:

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100 level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned). Course withdrawals do not count as completed credits.

Students who meet this standard of achievement receive personal letters of notification and congratulations from the dean.

Credit by Examination Policy
Selected undergraduate nursing courses are available to eligible students for credit by examination. Credit for a maximum of two clinical nursing courses may be earned by examination. No more than 20 credits in nursing may be earned through credit by examination. Prerequisite courses must be completed prior to pursuing credit by examination. Each clinical nursing course examination will include instructor observation of student clinical performance, along with other examinations, check-offs, or portfolio reviews, as needed. Objective and/or essay components of the examination must be completed successfully before assignment, clinical examination, and/or portfolio evaluation are attempted.

Students interested in receiving credit by examination for nursing courses should see the nursing department chair for more information.

Certificates, Minors, Second Majors
The nursing major is comprehensive; therefore minors or certificates are not required. Nevertheless, interested students may select a certificate, minor, or second major in a non-nursing field. The Spanish for Health Professionals minor (Code 320-408) is designed for students in nursing or other health-care related professions who desire a proficiency in the Spanish language. (See Department of Languages for program requirements. (p. 307)) Completion of a certificate, minor, or second major will require credits beyond the minimum necessary for graduation from the university. Scheduling difficulties may be encountered when attempting to complete a certificate, minor, or second major. See the major/minor concentration policies in the section on University Graduation Requirements. Students who select a minor or second major must obtain an academic advisor in that area.

Departmental Honors in Nursing Program
The purpose of the Departmental Honors in Nursing Program is to provide an opportunity for students to discover nursing knowledge in a specific topic area using advanced scholarship abilities beyond the student learning outcomes of the baccalaureate nursing program. The program is offered as resources allow. Nursing Honors students will:

1. Demonstrate professional motivation and commitment to the contribution of nursing knowledge by participating in a scholarly project that engages the student in any of the following formats: research, evidence-based practice, service project with a health care/community partner, and/or leadership.

2. Demonstrate some or all of the following scholarly behaviors with abundant depth and breadth through the scholarly project:
   a. Formation of a focused practice/academic/management problem or need
   b. Retrieval, appraisal, analysis, and synthesis of scholarly literature/evidence
   c. Collaborative design of a scholarly project to meet the identified need
   d. Implementation of the scholarly project
   e. Dissemination of the results of the scholarly project in a professional format (oral or poster presentation, manuscript, or other).

3. Cultivate professional relationship(s) with Nursing Honors Advisor and/or other significant professional partners.

Eligibility. Nursing students with resident and total GPAs of 3.50 or higher may be admitted.

Application. A written application shall be approved by the Dean of the College of Nursing and Health Sciences and the Nursing Honors Committee.

Requirements for Completion. See college website and Blugold Insider for the most up-to-date requirements, guidelines, and availability of the program.

Admission
All students interested in nursing must first apply for admission to the university following the regular university admission procedures and are assigned an academic adviser by the university. Application for admission to the nursing program is a subsequent step and depends upon meeting specific admission requirements.

The College of Nursing and Health Sciences welcomes the opportunity to give guidance in program planning to students in high school who have chosen nursing or are considering it as a career. These students are encouraged to include courses in high school which provide the best foundation for study at the university and in the major field. Recommended are:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 units</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1-2 units</td>
</tr>
<tr>
<td>Physics</td>
<td>1 units</td>
</tr>
<tr>
<td>Biology</td>
<td>1-2 units</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2 units</td>
</tr>
<tr>
<td>Algebra</td>
<td>2 units</td>
</tr>
<tr>
<td>Geometry</td>
<td>1 units</td>
</tr>
<tr>
<td>History</td>
<td>1-2 units</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 units</td>
</tr>
<tr>
<td>Speech</td>
<td>1 units</td>
</tr>
</tbody>
</table>

¹ Two units of one language, e.g., French, German, Spanish.

Admission to the Traditional Undergraduate Pre-licensure Nursing Program
Formal application to the traditional undergraduate pre-licensure nursing program must be made. A student must first be admitted to UW-Eau Claire as a pre-nursing student and be in good standing before applying to the nursing program. Students are encouraged to apply to the nursing program during the semester in which 30 credits will be completed. The deadlines for filing applications to the College of Nursing and Health Sciences nursing program are May 1 and December 1 for the Eau Claire campus; May 1 and December 1 for the Marshfield site. In order to be considered for admission to the nursing program, one must have:
1. been accepted as a pre-nursing student in the University in good standing.
2. completed at least 30 semester credits, not including courses for nursing assistant certification, with a total cumulative GPA of at least 3.00.
3. completed at least three of the five required natural science courses, two of which are laboratory science courses, with a GPA of at least 2.50.
4. earned a grade of C or above in all courses required for nursing.
5. completed all application materials including quality essay, and submitted a nonrefundable application fee.
6. completed health record, CPR certification, and background check at the time of admission to the program.

Note: Evidence of certification as a Nursing Assistant must be submitted prior to registration for sophomore nursing clinical courses (NRSG 267) following admission to the Nursing Program.

Other data utilized by the Admissions Committee are derived from a variety of sources that include applications for admission to the University and the nursing program, high school transcript showing rank in class, previous collegiate records, and standardized tests such as ACT or SAT. International, non-native speakers of English applying to an undergraduate nursing program must have a TOEFL score as follows: TOEFL Written >560 (or IELTS score of 6.5); or TOEFL (CBT) >220; or TOEFL (IBT) >83.

The College may find it necessary to deny admission to a qualified applicant because of enrollment limits in the professional program. Depending on the number of qualified applicants, it is likely that the GPA required to be competitive for admission may be well above the 3.00 minimum cumulative GPA.

The University of Wisconsin-Eau Claire Marshfield instructional site is not approved by the U.S. Department of Homeland Security to issue I-20s or host F visa holders.

The Nurse Scholars Program provides conditional admission to the nursing program for those high achieving pre-nursing students who have been invited to enter the Nurse Scholars and University Honors programs (see University Honors (p. 34)) at the time of admission to the University. Students eligible for the Nurse Scholars Program are identified at the time of admission to the University and must accept the offer when invited. The Nursing Dean’s office contacts the students who are eligible for the program. Eligibility is determined by identified major, high school class rank, ACT score, and admission to University Honors. To maintain Nurse Scholar eligibility for admission to the nursing program, the student must meet specific credit, GPA, and Honors course criteria, as well as additional admission requirements as applicable to all pre-nursing students. Further information is available from the Associate Dean for the college. Pre-nursing students participating in University Honors who believe they mistakenly may not have received a Nurse Scholar invitation must contact the Associate Dean no later than mid-August, prior to starting courses at UW-Eau Claire.

Admission to the BSN Completion Program

The BSN Completion Program is for practicing registered nurses with an associate degree or diploma in nursing from an accredited nursing program who wish to obtain a Bachelor of Science in Nursing (BSN) degree. Formal application to the BSN Completion Program must be made in the semester prior to enrolling in nursing courses. To be considered for admission to the BSN Completion Program, students must have:

- Graduated with an associate degree in nursing from a nationally accredited (e.g., NLN, NLNAC, and ACEN) nursing program with a minimum grade point average of 2.50.
- A current Wisconsin RN license.
- Been admitted to UW-Eau Claire in good standing.
- Completed at least 30 credits of transferable liberal education/general education courses with a total grade point average of at least 2.50.
- Completed at least three of the five required science courses, with a grade point average of at least 2.50.
- Earned a grade of C or above in all courses required for nursing.
- Submitted and completed all application materials (including but not limited to: application, application fee, official transcript from associate degree or diploma program, evidence of Wisconsin RN licensure).

Health Requirements

Admitted students must present evidence of having met current health requirements, such as immunity against diphtheria, pertussis, tetanus, varicella, rubella (measles), mumps, rubella, and hepatitis B, annual influenza vaccination, and tuberculin skin testing (evidence of two-step TB skin test is required if the student has never been tested for TB). Please refer to the specific health requirement information delineated on the College (https://www.uwec.edu/academics/college-nursing-health-sciences) website. Additional testing including laboratory titers and medical follow-up may be required. To secure admission acceptance, all health requirements, evidence of CPR certification, background check information, etc. must be submitted, along with the appropriate fee(s).

Admitted students must maintain their immune status against infectious diseases. Tuberculin skin tests are offered at the Student Health Service. Any student whose skin test converts from negative to positive while enrolled in the program must have a chest X-ray and a medical evaluation, and provide a statement of the clinician’s findings and recommendations. Students at the Marshfield Site must follow the health requirements of Marshfield Clinic to participate in clinical rotations. Annual interferon-gamma release assays (IGRAs) including QFT-Gold and T-Spot results may be acceptable in lieu of TB skin test results. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, CPR certification, and background checks are current and cleared/approved. Clinical facilities may have additional requirements which must be met.

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the College, the practicum facility, or the practicum institution. In addition, workers’ compensation insurance does not cover students while engaged in clinical practice. If a student suffers a needle stick or is injured while in practicum, they are personally responsible to pay for all medical bills and therefore will need personal health insurance.

Due to occupational exposure to blood or other potentially infectious materials, health care workers are at risk of acquiring Hepatitis B Virus infection and other serious infections. Students are considered to be at increased risk for needle-stick injuries. Such accidents can also be costly (e.g., student and patient testing, ER injury management, chemoprophylaxis, and potential illness care). The student, not the College, University, or clinical agency, is responsible for these expenses should an accidental exposure occur during a clinical experience.

Some clinical sites require students to show proof of health insurance; therefore, students are required to maintain health insurance for the duration of their education. Students must be able to provide proof of personal health insurance coverage if requested. Students are under a continuing obligation to notify the dean’s office of the college of any lapse in personal health insurance coverage.
CPR Certification

All applicants must hold Cardiopulmonary Resuscitation (CPR) Certification at the Basic Life Support for Healthcare Providers (American Red Cross) or Basic Life Support (BLS) Provider (American Heart Association) level. Evidence of CPR certification must be submitted at the time of admission. Admitted students must keep their certification current.

Student Background Check Requirements

Based on Wisconsin State law, clinical agencies must have completed background checks for all students. Consequently, the College of Nursing and Health Sciences requires students admitted to the nursing program to complete background check materials which are submitted by the students to CastleBranch.com (https://www.castlebranch.com).

CastleBranch.com conducts Wisconsin and out of state criminal record and healthcare fraud and abuse searches, and includes the Wisconsin Department of Health and Family Services (DHFS) Background Information Disclosure (BID), a release for a Wisconsin Department of Justice Criminal Background Check. More information regarding the Wisconsin Caregiver Law can be obtained from DHFS’s (https://www.dhs.wisconsin.gov) Web site. Students participating in clinicals in Minnesota may be required to complete further background checks (with associated fees). Additional, including out of state background checks (with associated fees) may be required by the college and by the clinical agencies. Clinical agencies may conduct further background checks. Final admission status to the nursing program is contingent upon return of criminal background check(s) with no findings that would prevent participation in the program. Because of background check or BID findings, clinical agencies may refuse placement of students. This may prevent progression in or completion of the program. The findings also may affect future licensure, licensure good standing, and employment. A criminal history is not an automatic bar to clinical agency placement, program progression, licensure/certification, and/or future employment. Admitted students are under a continuing obligation to notify the Dean’s Office at the College of Nursing and Health Sciences of any pending charges or violations of federal, state, and local laws or the campus student conduct code that occur at any future date and during their tenure as College of Nursing and Health Sciences students. Failure to notify the college may result in loss of good academic standing in the college and an inability to progress in the program.

Transfer Students

Any student anticipating transfer to the university for the nursing degree is urged to consult the university Admissions Office as early as possible for information about GPA and course requirements for admission and for the degree requirements (see specific nursing program admission requirements). Official review of the student’s academic record is made by the University Office of Admissions.

Applicants to the nursing program who have completed nursing courses in an accredited baccalaureate nursing program at another college or university setting will be considered on an individual basis, but will likely need to complete the nursing application process. Acceptance will be determined by overall quality of academic record and application, space availability, and the articulation of courses with those offered by the College of Nursing and Health Sciences.

Readmission to Nursing Program

Students who withdraw from the program and wish to return must send a letter to the Dean requesting readmission to the nursing program at least three months in advance of the desired readmission date. Applicants must meet the current admission requirements of the nursing program.

Students may be asked to reapply to the program, especially if significant time has passed or if curricular changes or other circumstances have occurred.

Readmission consideration will be given to the length of absence, the reasons for withdrawal, the student’s ability to achieve and academic standing, progress made to rectify any previous concerns or difficulties, and the availability of spaces in the clinical courses in which the student would enroll. If readmission is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

College Graduation Requirements

Degree Requirements

To qualify for the degree of Bachelor of Science in Nursing, the candidate must present at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree.

Satisfactory/Unsatisfactory Policy. No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

Nursing

The University of Wisconsin-Eau Claire College of Nursing and Health Sciences Department of Nursing educates nurses at the baccalaureate, master’s, and doctoral levels. We offer various options for earning a Bachelor of Science in Nursing (BSN) degree. Our traditional pre-licensure undergraduate program is taught both at our main campus in Eau Claire and at our distance education site at Marshfield Medical Center in Marshfield, Wisconsin, in cooperation with Marshfield Clinic Health System. We offer a BSN Completion program for registered nurses with associate degrees or diplomas in nursing interested in earning a BSN degree. At the graduate level we offer the Master of Science in Nursing (MSN) degree and the Doctor of Nursing Practice (DNP) degree.

Mission Statement of the Nursing Program

The purpose of the University of Wisconsin-Eau Claire Department of Nursing is to provide a scholarly environment, in which faculty and students gain and extend knowledge of health, health care, and professional nursing. Nursing offers on-campus and distance baccalaureate, graduate, and continuing education for the practice of professional nursing.

The select mission of Nursing is to:

1. Educate nurses to lead within diverse, complex environments
2. Promote health and the public good through ethical leadership, collaboration, and practice
3. Contribute to knowledge development for health and nursing
4. Serve the broader missions of the college and university

Academic Standards

The following scholastic standards must be maintained by students after admission to the nursing program if they are to be considered in good standing:

1. Achieve a semester GPA of at least 2.25;
2. Maintain a resident GPA of at least 2.50;
3. Achieve a grade of at least C in each specific course required by nursing.

If a student fails to meet any of the academic standards, the student is placed on probation in the College of Nursing and Health Sciences and must appeal
to continue in the program. The student who is placed on probation in the college will be officially notified of the change in academic standing and will be required to negotiate, with the associate dean of the college, a contract designed for regaining good standing. Failure to submit an appeal to continue in the nursing program by the designated due date assumes the student no longer wishes to continue in the nursing program and constitutes withdrawal from the nursing program. Should a grade of less than C in a specific course required by nursing be a factor in the probationary status, the student must repeat that course before earning credit for any course for which the repeated course is a prerequisite. For the traditional undergraduate nursing program, students are not allowed to progress further in the nursing program until the course with the less than satisfactory grade is successfully completed. No more than one instance of probation within the nursing programs is allowed. Please also refer to the college academic regulations listed in the College Overview (p. 554) and to the nursing student handbooks available in Blugold Insider.

Summary of Course/Credit Requirements

**Required Non-Nursing Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td>4-5</td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology I</td>
<td></td>
</tr>
<tr>
<td>S1 course (excluding Writing Requirement courses)</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Liberal Education (LE) Requirements**

This table shows how the above courses meet the Liberal Education Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1 Natural Sciences (two experiences, one with lab)</td>
<td>CHEM 103, General Chemistry I</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2 Social Sciences (two experiences)</td>
<td>PSYC 100, Introduction to Psychology</td>
</tr>
<tr>
<td>or PSYC 230</td>
<td>Human Development (PSYC 100 is a prerequisite)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3 Humanities (two experiences)</td>
<td>Need two K3 experiences/courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>K4 Fine Arts (one experience)</td>
<td>Need one K4 experience/course</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1 Written and Oral Communication (two experiences)</td>
<td>WRIT 116, Blugold Seminar in Critical Reading and Writing (or appropriate Blugold Seminar Critical Reading and Writing course)</td>
</tr>
<tr>
<td>Need 2nd S1 experience/course</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2 Mathematics (one experience)</td>
<td>MATH 246, Elementary Statistics</td>
</tr>
<tr>
<td>S3 Creativity (one experience)</td>
<td></td>
</tr>
<tr>
<td>NURS 428</td>
<td>Practicum: Nursing Leadership</td>
</tr>
<tr>
<td>or CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)</td>
<td>PSYC 230</td>
</tr>
<tr>
<td>Need 2nd R1 experience/course including Design for Diversity (DDIV) requirement</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>R2 Global Perspectives (one experience)</td>
<td>Need one R2 experience/course</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>R3 Civic and Environmental Issues (one experience)</td>
<td>Need one R3 experience/course</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>I1 Integration (two experiences)</td>
<td>NURS 428 or CND 480</td>
</tr>
<tr>
<td>Need 2nd I1 experience/course</td>
<td></td>
</tr>
</tbody>
</table>

**Service Learning**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2 Mathematics (one experience)</td>
<td>MATH 246, Elementary Statistics</td>
</tr>
<tr>
<td>S3 Creativity (one experience)</td>
<td></td>
</tr>
<tr>
<td>NURS 428 or CND 480</td>
<td>Practicum: Nursing Leadership</td>
</tr>
<tr>
<td>or CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
</tr>
</tbody>
</table>

**Faculty**

Robin Beeman, Department Chair (Nursing 207)

Norah Airth-Kindree
Mohammad Alasagheirin
Josephine Arriola
Ann Aschenbrenner
Ann Boberg
Gail Hanson Brenner
Cynthia Chapek
Theresa Dachel
Pamela Guthman
Rachael Haupt-Harrington
Debra Hofmann
Heather Iverson
Debra Jansen
Amber Jones
Catherine Kenney
Tara Kolodzik
Megan Lagunas
Cheryl Lapp
Gunmar Larson
Der-Fa Lu
Diane Marcyjanik
Rachel Merkel
Dalete Mota
Jeanette Olsen
Our various options for earning a Bachelor of Science in Nursing (BSN) degree educates nurses at the baccalaureate, master’s, and doctoral levels. We offer The University of Wisconsin-Eau Claire College of Nursing and Health Sciences Majors Mary Zwygart-Stauffacher Vickkie Zietlow Linda Young Catherine Wildenberg Suzanne Voros Arin VanWormer Maria Stracke Angela Stombaugh Stacey Stafne Charlotte Sortedahl Linda Sargent Donna Shellenberger Lorraine Smith Karen Sohn Donna Rozar Ann Recine Shelley-Rae Pehler

**Majors**

The University of Wisconsin-Eau Claire College of Nursing and Health Sciences educates nurses at the baccalaureate, master’s, and doctoral levels. We offer various options for earning a Bachelor of Science in Nursing (BSN) degree. Our traditional pre-licensure undergraduate program is taught both at our main campus in Eau Claire and at our distance education site at the Marshfield Medical Center in Marshfield, Wisconsin, in cooperation with Marshfield Clinic Health System. Following admission to UW-Eau Claire, students interested in the traditional pre-licensure program apply through the college to either the Eau Claire campus or Marshfield Site. Please see the admission requirements (p. 556). The traditional program is full-time, with 12 credits of required nursing courses taken concurrently each term, beginning with the second semester sophomore nursing courses. Students are expected to be enrolled full-time in the required nursing courses while completing the 60 nursing credits.

- Comprehensive Major: Nursing, Eau Claire Program - B.S.N. (p. 564)
- Comprehensive Major: Nursing, Marshfield Program - B.S.N. (p. 567)

We offer a BSN Completion program for registered nurses with associate degrees or diplomas in nursing interested in earning a Bachelor of Science in Nursing (BSN) degree. The BSN Completion Program, also referred to as the Collaborative Nursing Program (CNP)/BSN@Home Program, is a joint effort of the six nursing programs in the University of Wisconsin System (UW-Eau Claire, UW-Green Bay, UW-Madison, UW-Milwaukee, UW-Oshkosh, & UW-Stevens Point). Students participating in the program select one of the six universities as their “home” institution and must complete the degree requirements of their home institution. Core nursing courses of the BSN Completion Program are offered online by the nursing programs. A beginning and a capstone (final) course are taught in a hybrid fashion (partially face-to-face and partially online). Please see the admission requirements (p. 556).

- Comprehensive Major: Nursing, B.S.N Completion Program (Collaborative Nursing Degree) - B.S.N. (p. 560)
- Comprehensive Major: Nursing, WTCS Associate Degree in Nursing B.S.N. Completion Program (Collaborative Nursing Degree) - B.S.N. (p. 571)

**Minors**

A topical minor is composed of 24 semester credits selected by the student to meet the student’s own interests and scholarly objectives. The topical minor must include courses from at least two departments, with no more than 12 credits from any one department and no more than 12 credits from Nursing. Courses for the minor may be chosen on the basis of a coherent theme, a definable professional need, or a complementary relation to the student’s major. The topical minor is not intended to duplicate any major or minor offered as a regular program.

- Minor: Topical Minor (p. 574)

**Master of Science in Nursing (MSN)**

The graduate program leading to the Master of Science in Nursing degree is designed to prepare nurses to assume leadership and scholarship roles in professional nursing in the areas of nursing education or nursing administration/leadership & management. Students choose an adult-gerontologic or family population focus and functional role preparation in nursing education or administration/leadership & management. After admission to the program, the student must complete approximately 40-41 graduate credits for the MSN degree. Completion of the program usually requires four semesters and a winterim session. Individuals interested in pursuing the nurse practitioner or clinical nurse specialist role preparations need to apply to the post-baccalaureate Doctor of Nursing Practice (BSN-to-DNP) degree option, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level.

More specific information is available in the Graduate Catalog or from the Nursing Graduate Programs Director, College of Nursing and Health Sciences.

**Doctor of Nursing Practice (DNP)**

The College of Nursing and Health Sciences offers Doctor of Nursing Practice (DNP) degree options for individuals pursuing education in advanced practice nursing. The DNP is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced clinical practice nursing (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. Both MSN-to-DNP and BSN-to-DNP options are offered. The MSN-to-DNP option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. More specific information is available online from the college website (https://www.uwec.edu/academics/college-nursing-health-sciences) or from the Nursing Graduate Programs Director, College of Nursing and Health Sciences.

**Nursing, B.S.N. Completion Program, Comprehensive Major**

(Code 700-005)

**University Requirements**

<table>
<thead>
<tr>
<th>Graduation Requirements for Baccalaureate Degree</th>
<th>Credit Requirements</th>
<th>Grade Point Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation ¹</td>
<td>120</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>2019-2020 Catalog</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td></td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td></td>
<td>2.00 average</td>
</tr>
</tbody>
</table>
Minor 2.00 average
Certificate 2.00 average

University Residency Requirements (p. 50)
Minimum total 30
Senior year 23
Major, Standard, upper division in residence 12
Major, Comprehensive, upper division in residence 21
Certificate 25 percent of credits

Procedures Required for Graduation
Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

1 Certain programs exceed this minimum.
2 See special requirements in each College.

Applicability of Credits Toward Graduation
Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Applicability of Credits Toward Graduation

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Minimum 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>maximum 4</td>
</tr>
</tbody>
</table>

USAFI

USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1) Two (2) learning experiences
## Admission Requirements
Admission to the Professional Nursing Program. (p. 556)

## Major/Degree Requirements
(Code 700-005)
 UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this university. Liberal education requirements can be taken at any institution where equivalent transfer credit can be obtained. Transfer courses must meet the overall UW-Eau Claire liberal education requirements if the degree is to be obtained from UW-Eau Claire. The majority of nursing courses in the program are taught online. The foundational course (CND 310) and a capstone course (CND 480) with a clinical component are offered in a hybrid on-campus/online format (see nursing courses with CND prefix).

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree, including satisfactory completion of statistics and biochemistry. Students taking a comprehensive major are not required to declare a minor or certificate in another area. However, students who are interested in a minor or certificate are encouraged to discuss options with their advisor. Students must also seek an advisor in the area of the minor.

### Satisfactory/Unsatisfactory Policy:
No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

## Summary of Nursing Courses/Credits for B.S.N.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 310</td>
<td>Bridge to Professional Nursing</td>
<td>2</td>
</tr>
<tr>
<td>CND 407</td>
<td>Foundations of Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>CND 441</td>
<td>Chronic Care Management</td>
<td>3</td>
</tr>
<tr>
<td>CND 446</td>
<td>Research and Evidence-Based Practice</td>
<td>3</td>
</tr>
<tr>
<td>CND 447</td>
<td>Leadership &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>CND 453</td>
<td>Information Management and Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>CND 454</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
</tr>
<tr>
<td>Nursing Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>60</strong></td>
<td></td>
</tr>
</tbody>
</table>

1. Confirming credit provided following completion of CND 310, the first CND core course, if completed with a grade of B or above.
2. Prerequisite: MATH 246 or equivalent with a grade of C or above.
3. CND 480 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience. Capstone course to be taken during final term. CND 310 and CND 407 are prerequisites.
4. Nursing electives must be at the upper division (300 or higher) level and taught by nursing faculty/instructors.

### Required Non-Nursing Courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I 1</td>
</tr>
<tr>
<td>CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I 2</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology 3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II 2</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development (PSYC 100 is a prerequisite) 4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology I</td>
</tr>
<tr>
<td>S1 course (excluding Writing Requirement courses)</td>
<td>3</td>
</tr>
</tbody>
</table>

### Liberal Education (LE) Requirements
This table shows how the above courses meet the Liberal Education Requirements

#### K1 Natural Sciences (two experiences, one with lab)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology 3</td>
</tr>
<tr>
<td>or CHEM 103 &amp; CHEM 106</td>
<td>General Chemistry I 1 and General Chemistry I Laboratory</td>
</tr>
</tbody>
</table>

---

### Skills Outcome 2 (S2): Mathematics
One (1) learning experience

Skills Outcome 3 (S3): Creativity
One (1) learning experience

**Responsibility Goal**

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity
Two (2) learning experiences

Responsibility Outcome 2 (R2): Global Perspectives
One (1) learning experience

Responsibility Outcome 3 (R3): Civic and Environmental Issues
One (1) learning experience

**Integration Goal**

Integration Outcome 1 (I1): Integration
Two (2) learning experiences

**Service-Learning Goal**

Service-Learning
30 hours
K2 Social Sciences (two experiences)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development (PSYC 100 is a prerequisite)</td>
<td>3</td>
</tr>
</tbody>
</table>

K3 Humanities (two experiences)

Need two K3 experiences/courses

K4 Fine Arts (one experience)

Need one K4 experience/course

S1 Written and Oral Communication (two experiences)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 116</td>
<td>Blugold Seminar in Critical Reading and Writing (or appropriate Blugold Seminar Critical Reading and Writing course)</td>
</tr>
</tbody>
</table>

Need 2nd S1 experience/course

S2 Mathematics (one experience)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
</tr>
</tbody>
</table>

S3 Creativity (one experience)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
</tr>
</tbody>
</table>

Need one R3 experience/course

R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 230</td>
<td></td>
</tr>
</tbody>
</table>

Need 2nd R1 experience/course including Design for Diversity (DDIV) requirement

R2 Global Perspectives (one experience)

Need one R2 experience/course

R3 Civic and Environmental Issues (one experience)

Need one R3 experience/course

I1 Integration (two experiences)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td></td>
</tr>
</tbody>
</table>

Need 2nd I1 experience/course

Service Learning

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td></td>
</tr>
</tbody>
</table>

R.N./B.S.N./M.S.N. Option

The R.N./B.S.N./M.S.N. option is a program that facilitates the progression of qualified Registered Nurse students, enrolled in the BSN Completion Program (Collaborative Nursing Program), to progress in pursuing the Master of Science in Nursing (MSN) Program at UW-Eau Claire. This option provides the opportunity for the qualified nurse to earn credits toward the M.S.N. while completing the baccalaureate degree in nursing. This is accomplished by enrolling as a senior undergraduate student in selected graduate courses. A grade of B or better must be earned in a graduate course in order to be eligible to register for additional graduate courses. The graduate courses serve as confirming courses for up to nine credits in the undergraduate BSN completion curriculum; a grade of C or better is needed to earn the confirming credits. Permission must be obtained from the Nursing Graduate Programs Director of the College of Nursing and Health Sciences prior to enrollment in this option.

Students approved for this option may enroll in:

**Graduate Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 701</td>
<td>Nursing Research: Methods (Fall Semester)</td>
</tr>
<tr>
<td>NRSG 715</td>
<td>Leadership and Health Policy in Nursing (Winterim term)</td>
</tr>
</tbody>
</table>

Cognate (Varies with Role Preparation) 2

And receive credit for:

**Undergraduate Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 446</td>
<td>Research and Evidence-Based Practice</td>
</tr>
<tr>
<td>CND 447</td>
<td>Leadership &amp; Management</td>
</tr>
<tr>
<td>Nursing Elective</td>
<td>2</td>
</tr>
</tbody>
</table>

Requirements for eligibility:

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing and an undergraduate statistics course (grade of C or higher).
- If a second degree student, prerequisites for nursing, university requirements for a second degree, and two courses in upper division nursing and an undergraduate statistics course (grade of C or higher) must have been completed.
- Cumulative GPA of 3.00 or higher in course work accepted toward the B.S.N.
- Recommendation of the Nursing Graduate Programs Director of the College of Nursing and Health Sciences.

**Independent Study**

Under the course numbers 399 and 499, the Department of Nursing in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

Eligibility. Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs. Registration requires the permission of the faculty member who agrees to supervise the project and of the department offering the course.

Restrictions. One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Independent Study eform from the Registrar's Office website and complete the form in consultation with the
supervising faculty member. Initial approval by the department chair is required prior to enrollment.

**Directed Study**

Courses numbered 295, 395, and 495 offered by the Nursing Department in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

**Eligibility.** Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility may be established by the department or published as part of the course description.

**Restrictions.** One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the liberal education requirements.

**Procedure.** The student shall obtain the Directed Study eform from the Registrar’s Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

### Nursing, Eau Claire Program, Comprehensive Major

(Code 700-004)

**University Requirements**

**Graduation Requirements for Baccalaureate Degree**

<table>
<thead>
<tr>
<th>Credit Requirements</th>
<th>Credit Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

**Grade Point Requirements (p. 50)**

<table>
<thead>
<tr>
<th>Total</th>
<th>2.00 average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

**University Residency Requirements (p. 50)**

| Minimum total | 30 |
| Senior year | 23 |
| Major, Standard, upper division in residence | 12 |
| Major, Comprehensive, upper division in residence | 21 |
| Certificate | 25 percent of credits |

**Procedures Required for Graduation**

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

---

**Applicability of Credits Toward Graduation**

**Junior College or Two-Year College Credits.** A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

**Applicability of Credits Toward Graduation**

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>maximum 12</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>maximum ¼ of total</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits</td>
<td></td>
</tr>
<tr>
<td>Total degree credit</td>
<td>maximum 72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184)</td>
<td></td>
</tr>
<tr>
<td>Total KINS 100-184</td>
<td>maximum 1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>maximum 12 credits</td>
</tr>
</tbody>
</table>
Single course band, chorus, drama maximum 4 credits

Extension credits
UW-System no maximum
Other extension/correspondence maximum ¼ of total

USAFI maximum 32 credits

Liberal Education Core
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

LIBERAL EDUCATION CORE REQUIREMENTS a minimum of 36 credits

Knowledge Goal
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2) Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) One (1) learning experience

Skills Goal
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1) Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2) One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 50)
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3) One (1) learning experience

Responsibility Goal
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1) Two (2) learning experiences
One R1 must satisfy Design for Diversity (http://catalog.uwec.edu/undergraduate/attribute-DDIV/#header13)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2) One (1) learning experience
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3) One (1) learning experience

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1) Two (2) learning experiences

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

Admission Requirements
Admission to the Professional Nursing Program. (p. 556)

Major/Degree Requirements
(Code 700-004)

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree. Students taking a comprehensive major are not required to declare a minor or certificate in another area. However, students who are interested in a minor or certificate are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Satisfactory/Unsatisfactory Policy: No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

Required Non-Nursing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I ¹ or CHEM 105 &amp; CHEM 106</td>
<td>4-5</td>
</tr>
<tr>
<td>BIO 214</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology ³</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 265</td>
<td>Statistical Methods in Psychology I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

S1 course (excluding Writing Requirement courses) ⁵

Required Nursing Courses (60 semester credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 245</td>
<td>Pharmacology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 249</td>
<td>Normal and Therapeutic Nutrition in Nursing Practice</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 257</td>
<td>Foundations of Professional Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 267</td>
<td>Practicum: Foundational Skills for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 317</td>
<td>Practicum: Advanced Skills for Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 327</td>
<td>Nursing Leadership and Systems I</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>NRSG 337</td>
<td>Nursing Care of Adults and Older Adults I</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 347</td>
<td>Psychiatric and Mental Health Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 357</td>
<td>Nursing Care of Adults and Older Adults II</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 359</td>
<td>Practicum: Nursing Care of Adults and Older Adults</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 367</td>
<td>Community and Public Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 376</td>
<td>Nursing Care of Women, Infants, and Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 424</td>
<td>Nursing Leadership and Systems II</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 447</td>
<td>Practicum: Nursing Care of Individuals, Infants, Children, and Families</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 457</td>
<td>Nursing Care of Chronically Ill Patients and Their Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 467</td>
<td>Seminar: Innovative Solutions to Complex Healthcare Problems</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 477</td>
<td>Practicum: Nursing Leadership II</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 487</td>
<td>Transition to Professional Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

## Sample Program of Undergraduate Study

### Pre-Professional Level

#### First Year

<table>
<thead>
<tr>
<th>1st Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biogold Seminar in Critical Reading and Writing (or appropriate option for meeting the University Writing Requirement, Counts as S1)</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>or PSYC 260 Educational Psychology Introduction to Psychology (Counts as K2)</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Biochemistry (Counts as K1)</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I (Counts as K1)</td>
</tr>
<tr>
<td>or PSYC 230 Human Development (Counts as K2, R1)</td>
</tr>
<tr>
<td>or PSYC 260 Educational Psychology Introduction to Psychology (Counts as K2)</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Humanities (K3) or Elective</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

#### Second Year

<table>
<thead>
<tr>
<th>1st Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microbiology</td>
</tr>
<tr>
<td>BIOL 314 Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>MATH 246 Elementary Statistics (Counts as S2)</td>
</tr>
<tr>
<td>Global Perspectives/Language (R2) or Integration (I1)</td>
</tr>
</tbody>
</table>

## Professional Level

### Second Year

<table>
<thead>
<tr>
<th>1st Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biogold Seminar in Critical Reading and Writing (or appropriate option for meeting the University Writing Requirement, Counts as S1)</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Biochemistry (Counts as K1)</td>
</tr>
<tr>
<td>BIOL 214 Human Anatomy and Physiology I (Counts as K1)</td>
</tr>
<tr>
<td>or PSYC 230 Human Development (Counts as K2, R1)</td>
</tr>
<tr>
<td>or PSYC 260 Educational Psychology Introduction to Psychology (Counts as K2)</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Humanities (K3) or Elective</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3rd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 116 Blugold Seminar in Critical Reading and Writing (or appropriate option for meeting the University Writing Requirement, Counts as S1)</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>or PSYC 260 Educational Psychology Introduction to Psychology (Counts as K2)</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 116 Blugold Seminar in Critical Reading and Writing (or appropriate option for meeting the University Writing Requirement, Counts as S1)</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106 General Chemistry I Lecture and General Chemistry I Laboratory</td>
</tr>
<tr>
<td>or PSYC 260 Educational Psychology Introduction to Psychology (Counts as K2)</td>
</tr>
<tr>
<td>Communication/Language (S1 or R2) or Humanities (K3)</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

## 2nd Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 245</td>
<td>Pharmacology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 249</td>
<td>Normal and Therapeutic Nutrition in Nursing Practice</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 257</td>
<td>Foundations of Professional Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 267</td>
<td>Practicum: Foundational Skills for Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following if not already completed:
- MATH 246 (counts as S2) 3-4
- PSYC 230 (counts as K2, R1) 3 |
- CHEM 150 (counts as K1) 3

## Third Year

### 1st Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 317</td>
<td>Practicum: Advanced Skills for Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 327</td>
<td>Nursing Leadership and Systems I</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 337</td>
<td>Nursing Care of Adults and Older Adults I</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 347</td>
<td>Psychiatric and Mental Health Nursing</td>
<td>2</td>
</tr>
</tbody>
</table>

## 2nd Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 357</td>
<td>Nursing Care of Adults and Older Adults II</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 359</td>
<td>Practicum: Nursing Leadership I 6</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 367</td>
<td>Community and Public Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 376</td>
<td>Nursing Care of Women, Infants, and Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 424</td>
<td>Nursing Leadership and Systems II</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 447</td>
<td>Practicum: Nursing Care of Individuals, Infants, Children, and Families</td>
<td>2</td>
</tr>
</tbody>
</table>

## Fourth Year

### 1st Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 424</td>
<td>Nursing Leadership and Systems II</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 428</td>
<td>Practicum: Nursing Leadership I (Counts as S3, I1; meets Service-Learning Requirement) 3</td>
<td></td>
</tr>
<tr>
<td>NRSG 446</td>
<td>Nursing Care of Children and Families</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 447</td>
<td>Practicum: Nursing Care of Individuals, Infants, Children, and Families</td>
<td>2</td>
</tr>
</tbody>
</table>

| Fine Arts course (K4) | 3 |

| Total Credits | 15 |

### 2nd Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 457</td>
<td>Nursing Care of Chronically Ill Patients and Their Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSG 467</td>
<td>Seminar: Innovative Solutions to Complex Healthcare Problems</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 477</td>
<td>Practicum: Nursing Leadership II</td>
<td>4</td>
</tr>
</tbody>
</table>

| Total Credits | 15 |

---
NRSG 487  Transition to Professional Nursing Practice  3

Humanities (K3) or Elective  3

Total Credits  15

Total Number of Credits Required for BSN Degree - 120

1 CHEM 103 or CHEM 105 and CHEM 106 required. CHEM 105 and CHEM 106 together meet the nursing general chemistry requirement and constitute one course for the purpose of the nursing admission criteria. Must achieve a grade of C or better in both CHEM 105 and CHEM 106 (not an average of the two).

2 CHEM 150 available spring semesters at UW-Eau Claire and some fall and winterim terms. May consider Chem 203 via UW Colleges Online (not a UWEC course).

3 BIOL 250 available fall semesters at UW-Eau Claire and some winterim and summer terms. May consider U192-101 General Microbiology through UW Extension/Independent Learning if not offered at UW-Eau Claire. Courses also frequently available at the Wisconsin technical schools.

4 PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.

5 S1 course (excluding Writing Requirement courses) required for Nursing.

6 NRSG 428 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

Prerequisites for Second Year Nursing

Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisite or Concurrent</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 245</td>
<td>CHEM 150</td>
</tr>
<tr>
<td>NRSG 249</td>
<td>CHEM 150</td>
</tr>
<tr>
<td>NRSG 257</td>
<td>PSYC 230 Prerequisite or Concurrent; Statistics (MATH 246 or PSYC 265) Prerequisite or Concurrent</td>
</tr>
<tr>
<td>NRSG 267</td>
<td>BIOL 250, BIOL 314, CNA Certification</td>
</tr>
</tbody>
</table>

Independent Study

Under the course numbers 399 and 499, the Department of Nursing in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

Eligibility. Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs. Registration requires the permission of the faculty member who agrees to supervise the project and of the department offering the course.

Restrictions. One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Independent Study eform from the Registrar's Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Directed Study

Courses numbered 295, 395, and 495 offered by the Nursing Department in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility. Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility may be established by the department or published as part of the course description.

Restrictions. One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Directed Study eform from the Registrar's Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Nursing, Marshfield Program, Comprehensive Major

(Code 700-008)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50) 2

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
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</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1 Certain programs exceed this minimum.

2 See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.
**Extension Credits.** Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

**WTCS Credits.** A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

**USAFI Credit.** UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for USAFI maximum 32 credits.

**Activity Credit (band, chorus, drama, KINS 100-184 courses)** Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

**Other Restricted Credits.** For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

### APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Total Degree Credit</th>
<th>Major, Standard</th>
<th>Major, Comprehensive</th>
<th>Total Degree Credit</th>
<th>Major or Minor</th>
<th>Two-Year College Credits</th>
<th>Activity Credit (band, chorus, drama, KINS 100-184)</th>
<th>Total KINS 100-184</th>
<th>Total Band, chorus, drama</th>
<th>Single course band, chorus, drama</th>
<th>Extension Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum 12</td>
<td>Maximum 1</td>
<td>Maximum 2</td>
<td>Maximum 12</td>
<td>Maximum ¾ of total</td>
<td>Maximum ½ of total</td>
<td>Maximum 72 credits</td>
<td>Maximum 1 credit</td>
<td>Maximum 1 credit</td>
<td>Maximum 12 credits</td>
<td>Maximum 4 credits</td>
<td>no maximum</td>
</tr>
</tbody>
</table>

### Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

#### LIBERAL EDUCATION CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 3 (K3): Humanities (<a href="http://catalog.uwec.edu/undergraduate/attribute-k3">http://catalog.uwec.edu/undergraduate/attribute-k3</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
<tr>
<td></td>
<td>Knowledge Outcome 4 (K4): Fine Arts (<a href="http://catalog.uwec.edu/undergraduate/attribute-k4">http://catalog.uwec.edu/undergraduate/attribute-k4</a>)</td>
<td>One (1) learning experience</td>
</tr>
</tbody>
</table>

#### Skills Goal

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One S1 must meet the University Writing Requirement (p. 49)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) learning experience</td>
</tr>
<tr>
<td></td>
<td>One S2 to meet the University Mathematics Requirement (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

#### Responsibility Goal

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One R1 must satisfy Design for Diversity (<a href="http://catalog.uwec.edu/undergraduate/attribute-ddiv/">http://catalog.uwec.edu/undergraduate/attribute-ddiv/</a> #header13)</td>
<td></td>
</tr>
</tbody>
</table>

| Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2) | One (1) learning experience |
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)

Integration Goal
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)

Service-Learning Goal
Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13)

Admission Requirements
Admission to the Professional Nursing Program. (p. 556)

Major/Degree Requirements
(Code 700-008)

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree. Students taking a comprehensive major are not required to declare a minor or certificate in another area. However, students who are interested in a minor or certificate are encouraged to discuss options with their advisor. Students must also seek an advisor in the area of the minor.

Satisfactory/Unsatisfactory Policy: No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

Required Non-Nursing Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I 1</td>
<td>4-5</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry 2</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology 3</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development 4</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology I</td>
<td></td>
</tr>
</tbody>
</table>

S1 course (excluding Writing Requirement courses) 5

3

Required Nursing Courses (60 semester credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSN 245</td>
<td>Pharmacology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
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<td>Normal and Therapeutic Nutrition in Nursing Practice</td>
<td>2</td>
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<tr>
<td>NRSN 257</td>
<td>Foundations of Professional Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSN 267</td>
<td>Practicum: Foundational Skills for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSN 317</td>
<td>Practicum: Advanced Skills for Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSN 327</td>
<td>Nursing Leadership and Systems I</td>
<td>3</td>
</tr>
<tr>
<td>NRSN 337</td>
<td>Nursing Care of Adults and Older Adults I</td>
<td>3</td>
</tr>
<tr>
<td>NRSN 347</td>
<td>Psychiatric and Mental Health Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NRSN 357</td>
<td>Nursing Care of Adults and Older Adults II</td>
<td>4</td>
</tr>
<tr>
<td>NRSN 359</td>
<td>Practicum: Nursing Care of Adults and Older Adults</td>
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<td>3</td>
</tr>
<tr>
<td>NRSN 424</td>
<td>Nursing Leadership and Systems II</td>
<td>3</td>
</tr>
<tr>
<td>NRSN 428</td>
<td>Practicum: Nursing Leadership I 6</td>
<td>3</td>
</tr>
<tr>
<td>NRSN 446</td>
<td>Nursing Care of Children and Families</td>
<td>4</td>
</tr>
<tr>
<td>NRSN 447</td>
<td>Practicum: Nursing Care of Individuals, Infants, Children, and Families</td>
<td>2</td>
</tr>
<tr>
<td>NRSN 457</td>
<td>Nursing Care of Chronically Ill Patients and Their Families</td>
<td>3</td>
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<tr>
<td>NRSN 467</td>
<td>Seminar: Innovative Solutions to Complex Healthcare Problems</td>
<td>2</td>
</tr>
<tr>
<td>NRSN 477</td>
<td>Practicum: Nursing Leadership II</td>
<td>4</td>
</tr>
<tr>
<td>NRSN 487</td>
<td>Transition to Professional Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Sample Program of Undergraduate Study

Pre-Professional Level

First Year

1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 116</td>
<td>Blugold Seminar in Critical Reading and Writing (or appropriate option for meeting the University Writing Requirement, Counts as S1)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I (Counts as K1) 1</td>
<td>4-5</td>
</tr>
<tr>
<td>or CHEM 105 &amp; CHEM 106</td>
<td>General Chemistry I Lecture and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology (Counts as K2, R1)</td>
<td>4</td>
</tr>
<tr>
<td>or PSYC 260</td>
<td>Educational Psychology</td>
<td></td>
</tr>
</tbody>
</table>

Communication/Language (S1 or R2) or Humanities (K3) 3-4

Total Credits 15-17

2nd Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry (Counts as K1) 2</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I (Counts as K1)</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development (Counts as K2, R1)</td>
<td>3</td>
</tr>
</tbody>
</table>

Communication/Language (S1 or R2) or Humanities (K3) 3-4

Humans (K3) or Elective 1-3

Total Credits 15-17

Professional Level

Second Year

1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 250</td>
<td>Microbiology 3</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics (Counts as S2)</td>
<td>4</td>
</tr>
<tr>
<td>or Global Perspectives/Language (R2) or Integration (I1)</td>
<td>3-4</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 14-15

2nd Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSN 245</td>
<td>Pharmacology for Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>NRSG 249</td>
<td>Normal and Therapeutic Nutrition in Nursing Practice</td>
<td>2</td>
</tr>
<tr>
<td>NRSG 257</td>
<td>Foundations of Professional Nursing Practice</td>
<td>4</td>
</tr>
<tr>
<td>NRSG 267</td>
<td>Practicum: Foundational Skills for Nursing Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following if not already completed: 3-4
- Math 246 (counts as S2)
- PSYC 230 (counts as K2, R1)
- Chem 150 (counts as K1)
- Global Perspectives course (R2)
- Integration (I1)

Total Credits 15-16

**Third Year**

**1st Semester**
- NRSG 317 Practicum: Advanced Skills for Nursing Practice | 4
- NRSG 327 Nursing Leadership and Systems I | 3
- NRSG 337 Nursing Care of Adults and Older Adults I | 3
- NRSG 347 Psychiatric and Mental Health Nursing | 2
- Design for Diversity R1 course (R1, DDIV) | 3

Total Credits 15

**2nd Semester**
- NRSG 357 Nursing Care of Adults and Older Adults II | 4
- NRSG 359 Practicum: Nursing Care of Adults and Older Adults | 2
- NRSG 367 Community and Public Health Nursing | 3
- NRSG 376 Nursing Care of Women, Infants, and Families | 3
- Civic and Environmental Issues course (R3) | 3

Total Credits 15

**Fourth Year**

**1st Semester**
- NRSG 424 Nursing Leadership and Systems II | 3
- NRSG 428 Practicum: Nursing Leadership I (Counts as S3, I1; meets Service-Learning Requirement) | 3
- NRSG 446 Nursing Care of Children and Families | 4
- NRSG 447 Practicum: Nursing Care of Individuals, Infants, Children, and Families | 2
- Fine Arts course (K4) | 3

Total Credits 15

**2nd Semester**
- NRSG 457 Nursing Care of Chronically Ill Patients and Their Families | 3
- NRSG 467 Seminar: Innovative Solutions to Complex Healthcare Problems | 2
- NRSG 477 Practicum: Nursing Leadership II | 4
- NRSG 487 Transition to Professional Nursing Practice | 3
- Humanities (K3) or Elective | 3

Total Credits 15

**Total Number of Credits Required for BSN Degree - 120**

1. CHEM 103 or CHEM 105 and CHEM 106 required. CHEM 105 and CHEM 106 together meet the nursing general chemistry requirement and constitute one course for the purpose of the nursing admission criteria. Must achieve a grade of C or better in both CHEM 105 and CHEM 106 (not an average of the two).
2. CHEM 150 available spring semesters at UW-Eau Claire and some fall and winterim terms. May consider Chem 203 via UW Colleges Online (not a UWEC course).
3. BIOL 250 available fall semesters at UW-Eau Claire and some winterim and summer terms. May consider U192-101 General Microbiology through UW Extension/Independent Learning if not offered at UW-Eau Claire. Courses also frequently available at the Wisconsin technical schools.
4. PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.
5. S1 course (excluding Writing Requirement courses) required for Nursing.
6. NRSG 428 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

**Prerequisites** for Second Year Nursing Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Pre-requisite Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 245</td>
<td>CHEM 150 Prerequisite or Concurrent</td>
</tr>
<tr>
<td>NRSG 249</td>
<td>CHEM 150 Prerequisite or Concurrent</td>
</tr>
<tr>
<td>NRSG 257</td>
<td>PSYC 230 Prerequisite or Concurrent; Statistics (MATH 246 or PSYC 265) Prerequisite or Concurrent</td>
</tr>
<tr>
<td>NRSG 267</td>
<td>BIOL 250, BIOL 314, CNA Certification</td>
</tr>
</tbody>
</table>

**Independent Study**

Under the course numbers 399 and 499, the Department of Nursing in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

**Eligibility.** Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs. Registration requires the permission of the faculty member who agrees to supervise the project and of the department offering the course.

**Restrictions.** One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the liberal education requirements.

**Procedure.** The student shall obtain the Independent Study eform from the Registrar’s Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

**Directed Study**

Courses numbered 295, 395, and 495 offered by the Nursing Department in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.
Eligibility. Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility may be established by the department or published as part of the course description.

Restrictions. One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Directed Study eform from the Registrar’s Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Nursing, WTCS Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major

(Code 700-006)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Minimum Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total for graduation</td>
<td>120</td>
</tr>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core (p. 46)</td>
<td>36</td>
</tr>
<tr>
<td>Academic Concentrations (p. 50)</td>
<td></td>
</tr>
</tbody>
</table>

Grade Point Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Resident</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Major</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Minor</td>
<td>2.00 average</td>
</tr>
<tr>
<td>Certificate</td>
<td>2.00 average</td>
</tr>
</tbody>
</table>

University Residency Requirements (p. 50)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum total</td>
<td>30</td>
</tr>
<tr>
<td>Senior year</td>
<td>23</td>
</tr>
<tr>
<td>Major, Standard, upper division in residence</td>
<td>12</td>
</tr>
<tr>
<td>Major, Comprehensive, upper division in residence</td>
<td>21</td>
</tr>
<tr>
<td>Certificate</td>
<td>25 percent of credits</td>
</tr>
</tbody>
</table>

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

1. Certain programs exceed this minimum.
2. See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS-custom.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

<table>
<thead>
<tr>
<th>Credit Restrictions</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory</td>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major, Standard</td>
<td>maximum 1 course</td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td>maximum 2 courses</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>Total degree credit</td>
</tr>
<tr>
<td>Major or minor</td>
<td>maximum ½ of total</td>
</tr>
</tbody>
</table>

Two-Year College Credits

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Maximum 72 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total degree credit</td>
<td></td>
</tr>
</tbody>
</table>

Activity credit (band, chorus, drama, KINS 100-184)

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total KINS 100-184</td>
<td>1 credit</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td>12 credits</td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

Extension credits

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>No Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW-System</td>
<td></td>
</tr>
</tbody>
</table>
Other extension/correspondence maximum ¼ of total

| USAFI | USAFI maximum 32 credits |

**Liberal Education Core**

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

**LIBERAL EDUCATION CORE REQUIREMENTS** a minimum of 36 credits

<table>
<thead>
<tr>
<th>Knowledge Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Outcome 1 (K1): Natural Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k1">http://catalog.uwec.edu/undergraduate/attribute-k1</a>)</td>
<td>One (1) experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Knowledge Outcome 2 (K2): Social Sciences (<a href="http://catalog.uwec.edu/undergraduate/attribute-k2">http://catalog.uwec.edu/undergraduate/attribute-k2</a>)</td>
<td>Two (2) learning experiences</td>
</tr>
</tbody>
</table>

| Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3) | Two (2) learning experiences |
| Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4) | One (1) learning experience |

<table>
<thead>
<tr>
<th>Skills Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills Outcome 1 (S1): Written and Oral Communication (<a href="http://catalog.uwec.edu/undergraduate/attribute-s1">http://catalog.uwec.edu/undergraduate/attribute-s1</a>)</td>
<td>One (1) experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Skills Outcome 2 (S2): Mathematics (<a href="http://catalog.uwec.edu/undergraduate/attribute-s2">http://catalog.uwec.edu/undergraduate/attribute-s2</a>)</td>
<td>One (1) experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
</tbody>
</table>

| Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3) | One (1) experience in laboratory science must be selected from either K1 or K2. |

<table>
<thead>
<tr>
<th>Responsibility Goal</th>
<th>Two (2) learning experiences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<a href="http://catalog.uwec.edu/undergraduate/attribute-r1">http://catalog.uwec.edu/undergraduate/attribute-r1</a>)</td>
<td>One (1) experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
<tr>
<td>Responsibility Outcome 2 (R2): Global Perspectives (<a href="http://catalog.uwec.edu/undergraduate/attribute-r2">http://catalog.uwec.edu/undergraduate/attribute-r2</a>)</td>
<td>One (1) experience in laboratory science must be selected from either K1 or K2.</td>
</tr>
</tbody>
</table>

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3) One (1) learning experience

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1) Two (2) learning experiences

Service-Learning Goal

Service-Learning (http://catalog.uwec.edu/undergraduate/attribute-SL/#header13) 30 hours

**Admission Requirements**

Admission to the Professional Nursing Program. (p. 556)

**Major/Degree Requirements**

(Code 700-006)

**WTCS Associate Degree in Nursing/May 1996 or later BSN Completion Program (Collaborative Nursing Degree)**

UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this university. Liberal education requirements can be taken at any institution where equivalent transfer credit can be obtained. Transfer courses must meet the overall UW-Eau Claire liberal education requirements if the degree is to be obtained from UW-Eau Claire. The majority of nursing courses in the program are taught online. The foundational course (CND 310) and a capstone course (CND 480) with a clinical component are offered in a hybrid on-campus/online format (see nursing courses with CND prefix).

Students in this option are eligible for the benefits of the articulation agreement between UW System and Wisconsin Technical College System (WTCS) non-college associate degree programs in nursing.

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree, including satisfactory completion of statistics and biochemistry. Students taking a comprehensive major are not required to declare a minor or certificate in another area. However, students who are interested in a minor or certificate are encouraged to discuss options with their advisor. Students must also seek an advisor in the area of the minor.

**Satisfactory/Unsatisfactory Policy:** No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

**Summary of Nursing Courses/Credits for B.S.N. Completion Program**

Sixty semester credits, including:

<table>
<thead>
<tr>
<th>CND 310</th>
<th>Bridge to Professional Nursing</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 407</td>
<td>Foundations of Professional Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>CND 441</td>
<td>Chronic Care Management</td>
<td>3</td>
</tr>
<tr>
<td>CND 446</td>
<td>Research and Evidence-Based Practice</td>
<td>3</td>
</tr>
<tr>
<td>CND 447</td>
<td>Leadership &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CND 453</td>
<td>Information Management and Healthcare Technology</td>
<td>3</td>
</tr>
<tr>
<td>CND 454</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Credit by confirming course for prior nursing</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nursing Electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

1. Confirming credit provided following completion of CND 310, the first CND core course, if completed with a grade of B or above.
2. Prerequisite: MATH 246 or equivalent with a grade of C or above.
3. CND 480 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience. Capstone course to be taken during final term. CND 310 and CND 407 are prerequisites.
4. Nursing electives must be at the upper division (300 or higher) level and taught by nursing faculty/instructors.

### Required Non-Nursing Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 103</td>
<td>General Chemistry I</td>
<td>4-5</td>
</tr>
<tr>
<td>or CHEM 105</td>
<td>General Chemistry I Lecture</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 106</td>
<td>and General Chemistry I Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 214</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 314</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development (PSYC 100 is a prerequisite)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>or PSYC 265</td>
<td>Statistical Methods in Psychology</td>
<td></td>
</tr>
<tr>
<td>S1 course (excluding Writing Requirement courses)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Education (LE) Requirements:

This table shows how the above courses meet the Liberal Education Requirements.

#### K1 Natural Sciences (two experiences, one with lab)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 150</td>
<td>Survey of Biochemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- BIOL 250 Microbiology
- CHEM 103 General Chemistry I
- or CHEM 105 General Chemistry I Lecture
- & CHEM 106 and General Chemistry I Laboratory

#### K2 Social Sciences (two experiences)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 100</td>
<td>Introduction to Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 230</td>
<td>Human Development (PSYC 100 is a prerequisite)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### K3 Humanities (two experiences)

Need two K3 experiences/courses

#### K4 Fine Arts (one experience)

Need one K4 experience/course

#### S1 Written and Oral Communication (two experiences)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 116</td>
<td>Blugold Seminar in Critical Reading and Writing</td>
<td>5</td>
</tr>
</tbody>
</table>

### S2 Mathematics (one experience)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 246</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

### S3 Creativity (one experience)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td>Nursing within Systems: Analysis and Application</td>
<td>4</td>
</tr>
</tbody>
</table>

#### R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 230</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Need 2nd R1 experience/course including Design for Diversity (DDIV) requirement

### R2 Global Perspectives (one experience)

Need one R2 experience/course

### R3 Civic and Environmental Issues (one experience)

Need one R3 experience/course

#### I1 Integration (two experiences)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

Need 2nd I1 experience/course

#### Service Learning

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CND 480</td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

1. CHEM 103 or CHEM 105 and CHEM 106 required; however general chemistry requirement satisfied following completion of CHEM 150 for BSN Completion students only. CHEM 105 and CHEM 106 together meet the nursing general chemistry requirement and constitute one course for the purpose of the nursing admission criteria. Must achieve a grade of C or better in both CHEM 105 and CHEM 106 (not an average of the two).
2. BSN Completion students may substitute anatomy and physiology courses taken for Associate Degree in Nursing (ADN) for BIOL 214 and BIOL 314.
3. BIOL 250 or BIOL 361 count as K1 experiences for BSN Completion Nursing majors. Lab science requirement satisfied through ADN.
4. PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.
5. CND 480 meets the Service-Learning and S3 requirements; provides one integration (I1) experience.

### R.N./B.S.N./M.S.N. Option

The R.N./B.S.N./M.S.N. option is a program that facilitates the progression of qualified Registered Nurse students, enrolled in the BSN Completion Program (Collaborative Nursing Program), to progress in pursuing the Master of Science in Nursing (MSN) Program at UW-Eau Claire. This option provides the opportunity for the qualified nurse to earn credits toward the M.S.N. while completing the baccalaureate degree in nursing. This is accomplished by enrolling as a senior undergraduate student in selected graduate courses. A grade of B or better must be earned in a graduate course in order to be eligible to register for additional graduate courses. The graduate courses serve as confirming courses for up to nine credits in the undergraduate BSN completion curriculum; a grade of C or better is needed to earn the confirming credits. Permission must be obtained from the Nursing Graduate Programs Director of the College of Nursing and Health Sciences prior to enrollment in this option.

Students approved for this option may enroll in:

### Graduate Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRS 701</td>
<td>Nursing Research: Methods (Fall Semester)</td>
<td>4</td>
</tr>
</tbody>
</table>
NRSG 715  Leadership and Health Policy in Nursing (Winterim term)  3
Cognate (Varies with Role Preparation)  2

And receive credit for:

Undergraduate Courses
CND 446  Research and Evidence-Based Practice  3
CND 447  Leadership & Management  3
Nursing Elective  2

Requirements for eligibility:

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing and an undergraduate statistics course (grade of C or higher).
- If a second degree student, prerequisites for nursing, university requirements for a second degree, and two courses in upper division nursing and an undergraduate statistics course (grade of C or higher) must have been completed.
- Cumulative GPA of 3.00 or higher in course work accepted toward the B.S.N.
- Recommendation of the Nursing Graduate Programs Director of the College of Nursing and Health Sciences.

Independent Study

Under the course numbers 399 and 499, the Department of Nursing in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

Eligibility. Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs. Registration requires the permission of the faculty member who agrees to supervise the project and of the department offering the course.

Restrictions. One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Independent Study eform from the Registrar’s Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Directed Study

Courses numbered 295, 395, and 495 offered by the Nursing Department in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility. Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility may be established by the department or published as part of the course description.

Restrictions. One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Directed Study eform from the Registrar’s Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Topical Minor, Minor

Nursing (Code 610-432)

A topical minor is composed of 24 semester credits selected by the student to meet the student’s own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, a definable professional need, or complementary relation to the student’s major.

The topical minor is not intended to duplicate any major or minor offered as a regular program.

Nursing Comprehensive Major. The topical minor must include 12 credits from the College of Nursing and Health Sciences and 12 credits from at least one department in any other college within the university. No more than six credits in the comprehensive major may be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above.

Standard Major. The topical minor must include courses from at least two departments, with no more than 12 credits from any one department and no more than six credits from the department of the student’s major. Courses included in the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above and 12 of the 24 credits must be earned in the College of Nursing and Health Sciences courses. The remaining credits may be earned from any college in the university.

Procedure. The student interested in obtaining a topical minor through the College of Nursing and Health Sciences shall obtain a topical minor application form from the College of Nursing and Health Sciences Dean’s office and identify a topical minor advisor. The completed form will be forwarded to the advisor for approval.
COURSE DESCRIPTIONS

Course Numbering System

The first digit in a course number indicates the level of the course:

1-99 courses that cannot be counted toward minimum degree requirements
100-199 courses primarily for freshmen
200-299 courses primarily for sophomores
300-499 courses open to juniors and seniors
500-699 junior-senior courses approved for graduate credit
700-799 courses open only to graduate students
800-899 course open only to Doctor of Nursing Practice (DNP) students

1 Graduate students in such courses are required to meet expectations beyond those required of undergraduates. These expectations will vary and may include, but are not limited to: additional readings, oral presentations, additional or more sophisticated experiments or research, and additional written work. Students who have taken a course at the 300- or 400-level may not include that course at the 500- or 600-level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level or at the discretion of the program advisor.

2 Students approved for participation in an approved dual bachelor's and master's degree program are eligible to enroll in specific 700-level courses.

Cross-listed Courses

Courses are cross-listed when the curriculum is interdisciplinary in nature and the course is offered through multiple departments. That is, two course listings identify the same courses. The listings will have identical numbers—only the course prefix varies.

Some certifications, licensures, and programs may require a specific number of credits from certain curricular disciplines. Therefore, students should review program constraints before enrolling for cross-listed courses.

Course Prefixes

ACCT Accounting
AIS American Indian Studies
ANTH Anthropology
ART Art
ARTH Art History
BCOM Business Communication
BIOL Biology
BSAD Business Administration
CE Computer Engineering
CHEM Chemistry
CHIN Chinese
CJ Communication/Journalism
CND Collaborative Nursing Degree
CPSC Computational Science
CRMJ Criminal Justice
CS Computer Science
CSD Communication Sciences and Disorders

DNCE Dance
DNP Doctor of Nursing Practice
ECON Economics
ENGL English
ENPH Environmental Public Health
ENV Environmental Studies
ES Education Studies
ESL English as a Second Language
FIN Finance
FLG Foreign Language
FLTR Foreign Language in Translation
FREN French
GEN General Courses
GEOG Geography
GEOL Geology
GERM German
GRK Greek
HASA Health and Aging Services Administration
HCAD Health Care Administration
HIST History
HMNG Hmong
HNRS Honors Coloquium
HUMS Humanities
INTB International Business
IS Information Systems
IDIS Interdisciplinary Studies
INTA International Studies Abroad
INTS International Studies
INTX International Studies Exchange
JAPN Japanese
KINS Kinesiology
LAS Latin American Studies
LAT Latin
LMED Library Science and Media Education
LS Liberal Studies
MATH Mathematics
MBA Master of Business Administration
MGMT Management
MKTG Marketing
MSCI Materials Science
MSL Military Science and Leadership
MUED Music Education
MUSIC Music
NRSG Nursing
PHIL Philosophy
PHYS Physics
POL S Political Science
PSYC Psychology
PHP Public Health Professions
PSAS Professional Studies Arts and Sciences
PSB Professional Studies Business
RELS Religious Studies
RUSS  Russian
SOC  Sociology
SPAN  Spanish
SPED  Special Education
SW  Social Work
THEA  Theatre Arts
UEC  Unified Early Childhood
WGSS  Women’s, Gender, and Sexuality Studies
WMNS  Women’s Studies
WRIT  Writing

Abbreviations in Course Descriptions

cr(s)  semester credit(s)
Arr  hours arranged
F, Wi, Sp, Su, V  The semester or session when a course is likely to be offered: Fall, Winterim, Spring, Summer, or Varies (inquire in department)
IBT  internet based test
GPA  grade point average
P  prerequisite(s) to the course
PR  Progress (Grad Only)
S/U  Satisfactory/Unsatisfactory

Special Program and Course Fees Abbreviations

CND  BSN Completion Program Fee
CSDMSOL  Master of Science, Communication Sciences and Disorders, Online
DNP  DNP Program Fee
HCAD  HCAD Program Fee

Category Abbreviations

General
AC  Activity
CP  Capstone
FYE  Freshman Year Experience
HONOR  Honors Course
IN  Internship
LS  Lab Science
NF  New Freshman

Liberal Education
LE-DDIV  LE-DDIV Design for Diversity
LE-I1  LE-I1 Integration
LE-K1  LE-K1 Natural Sciences
LE-K1L  LE-K1L Natural Sciences with Lab
LE-K2  LE-K2 Social Sciences
LE-K2L  LE-K2L Social Sciences with Lab
LE-K3  LE-K3 Humanities
LE-K4  LE-K4 Fine Arts
LE-R1  LE-R1 Equity, Diversity, and Inclusivity
LE-R2  LE-R2 Global Perspectives
LE-R3  LE-R3 Civic and Environmental Issues
LE-S1  LE-S1 Written and Oral Communication
LE-S2  LE-S2 Mathematics
LE-S3  LE-S3 Creativity
SL-Full  Service-Learning, full 30 hours
SL-Half  Service-Learning, half 15 hours
SL-Optional  Service-Learning, Optional, up to 30 hours
SL-Optional/Half  Service-Learning Optional, half/up to 15 hours
SL-Variable  Service-Learning, variable credit

General Education
CD1  Cultural Diversity, one credit
CD2  Cultural Diversity, two credits
CD3  Cultural Diversity, three credits
CD-Variable  Cultural Diversity, variable credit
FC  Foreign Culture
GE-IA  General Education-Communication/Language Skills
GE-IB  General Education-Communication/Analytical Skill
GE-IC  General Education-Interdisciplinary Studies
GE-IIA-F  General Education - Natural Sciences
GE-IIIA-G  General Education - Social Sciences
GE-IVA-E  General Education - Humanities
GE-V  General Education - University Wide
PA  Physical Activity
SL-Full  Service-Learning, full 30 hours
SL-Half  Service-Learning, half 15 hours
SL-Optional  Service-Learning, Optional, up to 30 hours
SL-Optional/Half  Service-Learning Optional, half/up to 15 hours
SL-Variable  Service-Learning, variable credit
W  Wellness

Grading Basis

“All Grades,” which is defined as A-F Grades, Audit Allowed, and S/U Allowed, is the typical Grading Basis for the majority of courses in this catalog, and is not specified explicitly in catalog course descriptions. Exceptions to “All Grades” are specified explicitly in the catalog course descriptions as follows:

Grading Basis  Grading Basis Definition
A-F Grades Only  A-F Grades Only, Audit Not Allowed, Satisfactory/Unsatisfactory (S/U) Not Allowed
No Audit  Audit Not Allowed
No S/U Grade Option  Satisfactory/Unsatisfactory (S/U) Not Allowed
S/U Only Grade Basis  Satisfactory/Unsatisfactory (S/U) Grades Only
Accounting (ACCT)

ACCT 201 Introduction to Accounting (3 crs)
Prerequisite: Eligible for MATH 104 or above (MATH 104, MATH 106, MATH 108, MATH 109, MATH 111, MATH 112, MATH 113, MATH 114, MATH 184, MATH 246).
• Not recommended for freshmen. Recommended completion of MATH 109 prior to enrollment in ACCT 201.
An introduction to accounting applied to business organizations. Emphasis is on the uses of accounting information in decision-making by internal and external users.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 202 Principles of Accounting (3 crs)
Prerequisite: ACCT 201 with a grade of C- or higher.
• May not be taken concurrently with ACCT 201.
Accounting 202 is a continuation of Accounting 201. Additional principles and practices of accountancy are introduced. Emphasis will continue to be placed on the uses of accounting information in decision-making by internal and external users.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 210 Service-Learning in Accounting (1 cr)
Consent: Instructor Consent Required
• No credit toward accounting major.
Students must complete a minimum of 15 hours of volunteer service. Service must be approved by faculty supervisor. A journal must be kept throughout project documenting service-learning project. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.
Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

ACCT 296 Topics in Accounting (1-3 crs)
Prerequisite: Limited to accounting majors and minors. Covers a variety of topics to be determined by faculty interest and student demand.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ACCT 301 Intermediate Accounting I (3 crs)
Prerequisite: ACCT 202. Limited to accounting majors and minors, and finance majors.
Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and noncurrent assets. Special emphasis on GAAP as it relates to topics being covered.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 302 Intermediate Accounting II (3 crs)
Prerequisite: ACCT 301/ACCT 501
Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 305 Environmental and Sustainability Accounting (3 crs)
Prerequisite: ACCT 202. Minimum junior standing
An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 312 Managerial Accounting (3 crs)
Prerequisite: ACCT 201, IS 240. Not open to accounting majors. No credit after ACCT 314.
• No credit toward accounting majors. This course requires access to a laptop computer which can be brought to class when required.
Analysis and interpretation of accounting data approached from the managerial viewpoint, with emphasis on planning and control, and decision-making.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ACCT 313 Auditing (3 crs)
Prerequisite: ACCT 302/ACCT 502. Open only to accounting majors and minors. Minimum junior standing
• This course requires access to a laptop computer which can be brought to class when required.

Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 314 Cost Accounting (3 crs)
Prerequisite: ACCT 202, IS 240. Credit may only be earned in either ACCT 312 or ACCT 314. Limited to accounting or finance majors/minors. Minimum junior standing.
Principles of cost accounting, emphasizing analysis of materials, labor, and factory overhead; application of standard costing to job order and process cost systems; analysis of cost behavior in the manufacturing firm with exposure to cost-profit-volume relationships, break-even analysis, and direct costing.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 320 Individual Income Tax (3 crs)
• Should not be taken by those required to complete ACCT 321 and ACCT 322.

Introduction to the determination of taxable income of individuals, with emphasis on the reporting of tax data.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 321 Individual Federal Income Taxation (3 crs)
Prerequisite: ACCT 202. Limited to accounting majors and minors, and finance majors. Minimum junior standing.
Federal taxation on individuals including gross income, exclusions, deductions, exemptions, capital gains and property transactions. Tax return problems and tax research are included in this course.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 334 Advanced Cost Accounting (3 crs)
Prerequisite: ACCT 314/ACCT 514
A continuation of Accounting 314/S14, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 395 Accounting Internship I (1-3 crs)
Prerequisite: ACCT 301/ACCT 501. Accounting majors only. Completion of Student Professional Development Program (SPDP)
Consent: Department Consent Required
• No credit toward accounting major.

Internship experience in business situations relevant to the accounting major under supervision of a faculty member.
Attributes: LE-I1 Integration, Internship, Special Course Fee Required
Grading Basis: A-F Grades Only

ACCT 396 Topics in Accounting (1-3 crs)
Prerequisite: Limited to accounting majors and minors.
Covers a variety of topics to be determined by faculty interest and student demand.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ACCT 401 Advanced Financial Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing
Accounting for multiunit business enterprises; consolidated balance sheets, income statements, and statement of cash flows; Security and Exchange Commission reporting; foreign currency transactions and translation; international operations; and liquidation of partnerships.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 402 Contemporary Issues in Accounting (3 crs)
Prerequisite: ACCT 401/ACCT 601. ACCT 313/ACCT 513 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330.
An analysis of advanced accounting issues designed to provide a bridge between accounting "theory" and "practice."
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 404 Income Tax Practicum (2 crs)
Prerequisite: ACCT 301/ACCT 501, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Minimum senior standing.
Course provides students with a practical application of individual income tax laws in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will interview taxpayers, prepare and file tax returns at various sites.
Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Lab/Studio Hours: 0
Field Practicum Hours: 4
ACCT 405 International Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing.
A study of the international dimensions of accounting, including the patterns of accounting development found in other nations, the promulgation of worldwide accounting standards, and the accounting problems associated with multinational corporate operations.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 409 Seminar in Accounting (1-3 crs)
Prerequisite: BCOM 206, BCOM 207. Minimum senior standing.
An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only

ACCT 410 Investment and Retirement Plan Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Minimum senior standing.
Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 415 Advanced Auditing and Consulting (3 crs)
Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Minimum senior standing.
In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 417 Governmental and Nonprofit Organization Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing.
An introduction to accounting principles for governmental units; educational institutions; hospitals; voluntary health and welfare organizations; and other nonprofit organizations. Includes budgetary and financial reporting requirements of these organizations.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 419 Financial Accounting Theory (3 crs)
Prerequisite: ACCT 302/ACCT 502. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing.
In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 420 Fraud Investigation and Prevention (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 313/ACCT 513, BCOM 206, BCOM 207. Minimum senior standing.
•This course requires access to a laptop computer which can be brought to class when required.
Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 423 Corporate, Partnership, and Other Entity Tax (3 crs)
Prerequisite: ACCT 321/ACCT 521, BCOM 206, BCOM 207. Minimum senior standing.
Federal income taxation of entities including C corporations, partnership, and other business forms of taxation. Emphasis is on the Internal Revenue Code as it relates to business entities.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 425 Ethics in Accounting (3 crs)
Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Minimum senior standing.
An introduction to ethics and professional responsibility in accounting. Coverage includes models of ethical reasoning, ethical dilemmas in accounting, and creating solutions to those ethical dilemmas.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ACCT 430 Accounting Systems (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 460, BCOM 206, BCOM 207. Limited to accounting majors and minors and IS majors and minors. Minimum senior standing.
• This class requires access to a laptop computer which can be brought to class when required.
Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 435 Advanced Accounting Systems and IT Auditing (3 crs)
Prerequisite: ACCT 430/ACCT 630, BCOM 206, BCOM 207. Minimum senior standing.
• This class requires access to a laptop computer which can be brought to class when required.
This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 444 Profit Management and Budgetary Control (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, BCOM 206, BCOM 207. Minimum senior standing.
• This course requires access to a laptop computer which can be brought to class when required.
Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 449 Accounting Theory and Research (3 crs)
Prerequisite: ACCT 313/ACCT 513, ACCT 314/ACCT 514, ACCT 321/ACCT 521, ACCT 401/ACCT 601, BCOM 206, BCOM 207. Minimum senior standing.
In-depth study of accounting theory (and research) including the conceptual framework and principles underlying all Accounting Standards. Students will use the accounting literature to research contemporary issues in accounting.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 450 Financial Statement Analysis (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, BCOM 206, BCOM 207. Open only to accounting majors and minors. Minimum senior standing.
An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 460 Accounting Information Systems and Technology (3 crs)
Prerequisite: ACCT 302. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Accounting Majors and Minors only. Minimum Senior standing.
• This class requires access to a laptop computer which can be brought to class when required.
Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting. Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 470 Accounting Data Analytics (3 crs)
Prerequisite: ACCT 460
Principles and techniques of accounting analytics will be covered. Topics include data preparation, data visualization, reporting and analysis for management decision making, and audit analytics.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 490 Accounting Honors Seminar (1 cr)
Consent: Department Consent Required
An in-depth analysis of relevant accounting topics adapted to student needs with emphasis on understanding relationships between different areas of accounting.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ACCT 495 Accounting Internship II (1-12 crs)
Prerequisite: Limited to accounting majors. Minimum junior standing.
Consent: Department Consent Required
• A maximum of twelve credits is allowed.
Internship experience in business situations relevant to the accounting major under supervision of a faculty member.
Attributes: LE-I1 Integration, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only
ACCT 496 Topics in Accounting (1-3 crs)
Prerequisite: Limited to accounting majors and minors. Covers a variety of topics to be determined by faculty interest and student demand.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ACCT 499 Independent Study (1-3 crs)
Prerequisite: ACCT 302 Minimum senior standing. Consent: Department Consent Required. Individual project under the direction of a faculty member.
Repeat: Course may be repeated

ACCT 501 Intermediate Accounting I (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with ACCT 301. Credit may not be earned in both courses.
Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and noncurrent assets. Special emphasis on GAAP as it relates to topics being covered.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 502 Intermediate Accounting II (3 crs)
Prerequisite: ACCT 301/ACCT 501. Limited to MBA students.
- Cross-listed with ACCT 302. Credit may not be earned in both courses.
Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 505 Environmental and Sustainability Accounting (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with ACCT 305. Credit may not be earned in both courses.
An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 513 Auditing (3 crs)
Prerequisite: ACCT 302/ACCT 502. Limited to MBA students.
- Cross-listed with ACCT 313. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.
Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 514 Cost Accounting (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with ACCT 314. Credit may not be earned in both courses.
Principles of cost accounting, emphasizing analysis of materials, labor, and factory overhead; application of standard costing to job order and process cost systems; analysis of cost behavior in the manufacturing firm with exposure to cost-profit-volume relationships, break-even analysis, and direct costing.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 521 Introduction to Income Tax (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with ACCT 321. Credit may not be earned in both courses.
Introduction and application of accounting and legal concepts underlying federal and Wisconsin income tax laws applicable to gross income, exclusions, business and nonbusiness deductions, gains and losses, credits, and tax computations.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 534 Advanced Cost Accounting (3 crs)
Prerequisite: ACCT 314/ACCT 514. Limited to MBA students.
- Cross-listed with ACCT 334. Credit may not be earned in both courses.
A continuation of Acct 314/514, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ACCT 601 Advanced Financial Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 401. Credit may not be earned in both courses.
Accounting for multiunit business enterprises; consolidated balance sheets, income statements, and statement of cash flows; Security and Exchange Commission reporting; foreign currency transactions and translation; international operations; and liquidation of partnerships.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 602 Contemporary Issues in Accounting (3 crs)
Prerequisite: ACCT 401/ACCT 601, ACCT 313/ACCT 513 or concurrent enrollment. Limited to MBA students.
- Cross-listed with ACCT 402. Credit may not be earned in both courses.
An analysis of advanced accounting issues designed to provide a bridge between accounting “theory” and “practice.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 604 Income Tax Practicum (2 crs)
Prerequisite: ACCT 301/ACCT 501, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 404. Credit may not be earned in both courses.
Course provides students with a practical application of individual income tax laws in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will interview taxpayers, prepare and file tax returns at various sites.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Field Practicum Hours: 4

ACCT 605 International Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 405. Credit may not be earned in both courses.
A study of the international dimensions of accounting, including the patterns of accounting development found in other nations, the promulgation of worldwide accounting standards, and the accounting problems associated with multinational corporate operations.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 609 Seminar in Accounting (1-3 crs)
Prerequisite: BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 409.
An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

ACCT 610 Investment and Retirement Plan Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 410. Credit may not be earned in both courses.
Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 615 Advanced Auditing and Consulting (3 crs)
Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 415. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.
In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 617 Governmental and Nonprofit Organization Accounting (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.
- Cross-listed with ACCT 417. Credit may not be earned in both courses.
An introduction to accounting principles for governmental units; educational institutions; hospitals; voluntary health and welfare organizations; and other nonprofit organizations. Includes budgetary and financial reporting requirements of these organizations.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ACCT 619 Financial Accounting Theory (3 crs)
Prerequisite: ACCT 302/ACCT 502. Limited to MBA students.
• Cross-listed with ACCT 419. Credit may not be earned in both courses.
In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 620 Fraud Investigation and Prevention (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 420. Credit may not be earned in both courses.
Lab/studio Hours: 0
Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3

ACCT 623 Advanced Tax Accounting (3 crs)
Prerequisite: ACCT 321/ACCT 521, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 423. Credit may not be earned in both courses.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3

ACCT 625 Ethics in Accounting (3 crs)
Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 425. Credit may not be earned in both courses.
An introduction to ethics and professional responsibility in accounting. Coverage includes models of ethical reasoning, ethical dilemmas in accounting, and creating solutions to those ethical dilemmas.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 630 Accounting Systems (3 crs)
Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 430. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.
Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 635 Advanced Accounting Systems and IT Auditing (3 crs)
Prerequisite: ACCT 430/ACCT 630, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 435. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.
This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 644 Profit Management and Budgetary Control (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 444. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.
Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 649 Accounting Theory and Research (3 crs)
Prerequisite: ACCT 313/ACCT 513, ACCT 314/ACCT 514, ACCT 321/ACCT 521, ACCT 401/ACCT 601, BCOM 206, BCOM 207. Limited to MBA students.
• Cross-listed with ACCT 449. Credit may not be earned in both courses.
In-depth study of accounting theory (and research) including the conceptual framework and principles underlying all Accounting Standards. Students will use the accounting literature to research contemporary issues in accounting.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ACCT 650 Financial Statement Analysis (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207.
Limited to MBA students.
  • Cross-listed with ACCT 450. Credit may not be earned in both courses.
An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 660 Accounting Information Systems and Technology (3 crs)
Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, and ACCT 321/ACCT 521. Limited to MBA students.
  • Cross-listed with ACCT 460. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.
Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 703 Accounting Foundations for Business Decisions (2 crs)
Prerequisite: Limited to MBA students.
  • Not for MBA degree credit. ACCT 703 may be taken concurrently with ACCT 704.
  No credit if taken after ACCT 201.
Examination of basic financial statements and accounting systems. Emphasis on statement analysis, cash flows, inventory methods, long-term assets and tax considerations. Capital markets, financing, and other liabilities will be covered.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ACCT 704 Accounting Foundations for Management Decisions (1 cr)
Prerequisite: ACCT 703 or equivalent, or concurrently with ACCT 704. Limited to MBA students.
  • Not for MBA degree credit. ACCT 704 may be taken concurrently with ACCT 703.
An overview of accounting information needed for informed management decisions. Topics include cost concepts and behavior, product costing, allocation, and budgeting.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ACCT 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

American Indian Studies (AIS)

AIS 101 Introduction to American Indian History and Cultures (3 crs)
Introduction to the different disciplinary perspectives available for the study of American Indian cultures, with an emphasis on history, anthropology, and law.
Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 102 Introduction to American Indian Expressive Cultures (3 crs)
Introduction to a broad range of American Indian expressive cultures, from traditional to contemporary forms, in art, literature, oral traditions, music, and film.
Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 111 Studies in American Indian Languages I (4 crs)
Prerequisite: AIS 111
Introduction to American Indian language families and concentrated study of one specific language within its cultural context, with emphasis on speaking and listening skills. (For specific languages, see current Class Schedule.)
Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

AIS 112 Studies in American Indian Languages II (4 crs)
Prerequisite: AIS 111
Continuation of American Indian Languages I, with additional attention paid to dialect diversity, and competing writing systems. (For specific languages, see current Class Schedule.)
Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Restrictions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIS 121</td>
<td>Beginning Ojibwe I</td>
<td>4 crs</td>
<td></td>
<td>• Credit may not be earned in both FLG 121 and AIS 121 or LANG 121 and AIS 121. No credit if credit has been earned in AIS 111 when offered as Ojibwe I.</td>
<td>A foundation in spoken and written Ojibwe language, listening and reading comprehension, grammatical usage, and the cultural backgrounds and experiences of Ojibwe people. Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication Lecture/Discussion Hours: 4 Lab/Studio Hours: 1</td>
</tr>
<tr>
<td>AIS 122</td>
<td>Beginning Ojibwe II</td>
<td>4 crs</td>
<td>LANG 121/AIS 121</td>
<td>• Credit may not be earned in both FLG 122 and AIS 122 or LANG 122 and AIS 122. No credit if credit has been earned in AIS 112 when offered as Ojibwe II.</td>
<td>Continuation of Beginning Ojibwe I. Further developing elementary speaking, writing, and reading Ojibwe language skills. Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication Lecture/Discussion Hours: 4 Lab/Studio Hours: 1</td>
</tr>
<tr>
<td>AIS 142</td>
<td>Introduction to American Indian Literatures</td>
<td>3 crs</td>
<td></td>
<td>• Credit may not be earned in both ENGL 142 and AIS 142 or if taken after ENGL 346 or AIS 346.</td>
<td>A study of the literatures by and about American Indians, with special attention to the cultural background. Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>AIS 161</td>
<td>Introduction to Cultural Anthropology</td>
<td>3 crs</td>
<td></td>
<td>• Credit may not be earned in both ANTH 161 and AIS 161.</td>
<td>Culture as the human means of environmental adaptation. Explores cross-cultural regularities and the range of variation in human behavior. Comparison of widely different economic, social, political, and religious systems. Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, LE-K2 Social Sciences Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>AIS 221</td>
<td>Intermediate Ojibwe I</td>
<td>4 crs</td>
<td>FLG 121/AIS 121 or LANG 121/AIS 121</td>
<td>• Credit may not be earned in both FLG 122 and AIS 122 or LANG 122/AIS 122.</td>
<td>Continuation of Beginning Ojibwe II. Build on speaking, listening, and reading skills. Learn techniques for using Ojibwe in everyday life. Lecture/Discussion Hours: 4 Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>AIS 222</td>
<td>Intermediate Ojibwe II</td>
<td>4 crs</td>
<td>LANG 221/AIS 221</td>
<td>• Credit may not be earned in both FLG 222 and AIS 222.</td>
<td>Continuation of Intermediate Ojibwe I. Focuses on developing skills necessary to aid language revitalization efforts. Lecture/Discussion Hours: 4 Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>AIS 240</td>
<td>American Indian History</td>
<td>3 crs</td>
<td></td>
<td>• Credit may not be earned in both HIST 240 and AIS 240.</td>
<td>An introduction to the history of the native peoples of the United States with major emphasis upon European contact, the mutual interaction of European and American Indian cultures, and the resulting adaptations and conflicts. Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
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<tr>
<td>AIS 242</td>
<td>The American Indian in Literature and Film</td>
<td>3 crs</td>
<td></td>
<td>• Credit may not be earned in both ENGL 242 and AIS 242.</td>
<td>A critical, cultural examination of the origins and evolution of film images of American Indians; analysis based on study and application of film techniques as well as literary and historical textual analysis. Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity Lecture/Discussion Hours: 2 Lab/Studio Hours: 2</td>
</tr>
<tr>
<td>AIS 243</td>
<td>Introduction to Contemporary American Indian Communities</td>
<td>3 crs</td>
<td></td>
<td></td>
<td>Prepares students for intercultural immersion experiences through an introduction to American Indian cultural practices and key federal policies that have shaped contemporary societies. Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity Grading Basis: A-F Grades Only Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
</tr>
</tbody>
</table>
### AIS 250 American Indian Politics (3 crs)
- **Credit may not be earned in both POLS 250 and AIS 250.**

The course will examine the recent trends in American Indian politics beginning with the American Indian Movement through the present. The course will include topics on tribal sovereignty, legalized gambling, and tribal government.

Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 260 Chippewa Reserved Treaty Rights (3 crs)

This course is an in-depth study of the Chippewa treaties and addresses usufructuary rights and how treaties extend to issues such as pipelines and mining.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 291 Special Topics (1-4 crs)
Consent: Instructor Consent Required  
Topics will be determined by specific themes related to American Indian Studies by instructor and program director, and based upon student interest and need.

Repeat: Course may be repeated for a maximum of 9 credits

### AIS 322 Native Geographies (3 crs)
- **Credit may not be earned in both GEOG 322 and AIS 322.**

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Cultural Diversity 3 cr., GE IIIC Social Science-Geography, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 324 Survey of North American Indian Art (3 crs)
Prerequisite: One AIS or ARTH or ART course or consent of instructor. Minimum sophomore standing.  
- **Credit may not be earned in both ARTH 324 and AIS 324.**

A survey of North American Indian artwork in contemporary and historical contexts.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, Field Trip(s) Required  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 330 Indigenous Religions of the Americas (3 crs)
Prerequisite: One course in RELS, PHIL, AIS, LAS, or consent of instructor.  
- **Credit may not be earned in both RELS 330 and AIS 330.**

This course will introduce indigenous religions in the cultural contexts of Latin America and North American Indian nations. It will study historical religious development from Pre-Columbian, through colonial experience, to present day cultural movements.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVB Humanities-Philosophy/Religious Studies  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 335 Ancient Art and Architecture of Mexico and Central America (3 crs)
Prerequisite: One ART, ARTH, AIS, or LAS course or consent of instructor.  
- **Credit may not be earned in both ARTH 335 and AIS 335.**

A study of the art and architecture of ancient Mexico and Central America between 2000 BCE–1600 CE. Focus is on the materials, techniques, styles, and iconography of the art and architecture in relation to the contexts of production, use, and reception.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 337 Art of Tawantinsuyo (3 crs)
- **Credit may not be earned in both ARTH 337 and AIS 337.**

A study of art created during the Inka Empire and the early Spanish Empire in western South America.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### AIS 343 Contemporary American Indian Communities (3 crs)
Prerequisite: AIS 101 or AIS 102 or consent of instructor.

Preparation for future study in AIS and/or work in American Indian communities by providing skills to work with communities toward mutually beneficial goals. Learn challenges facing American Indian communities and successful initiatives combating those challenges. Travel required.

Attributes: Cultural Diversity 3 cr., GE IIIC Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required  
Grading Basis: A-F Grades Only  
Lab/Studio Hours: 0  
Seminar Hours: 3
AIS 345 American Indian Autobiography (3 crs)
Prerequisite: Three credits of Engl Lit (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240 or HIST 240, AIS 250 or POLS 250, AIS 324 or ARTH 324, AIS 325 or ANTH 325, AIS 368 or HIST 368, AIS 369 or HIST 369 or consent of instructor
• Credit may not be earned in both ENGL 345 and AIS 345.
Explores evolving forms and political implications of the creation and production of American Indian autobiographies and collaborative personal narratives.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 346 Major Works in American Indian Literature (3 crs)
Prerequisite: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240/HIST 240, AIS 250/POLS 250, AIS 324/ARTH 324, AIS 325/ANTH 325, AIS 368/HIST 368, AIS 369/HIST 369 or consent of instructor
• Credit may not be earned in both ENGL 346 and AIS 346.
Major and supporting works of American Indian literature, from oral and written sources.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 368 Studies in American Indian History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• Course may be repeated when topic differs for a maximum of nine credits.
Consult Class Schedule or department office for current offering.
Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.
Attributes: Cultural Diversity Variable, GE IV C Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 369 Wisconsin Indian History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• Credit may not be earned in both HIST 369 and AIS 369.
Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.
Attributes: Cultural Diversity 3 cr., GE IV C Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 395 Directed Studies (1-3 crs)
Prerequisite: Limited to American Indian Studies majors and minors. Consent: Department Consent Required
Study of problem or topic related to American Indian Studies.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

AIS 399 Independent Study (1-3 crs)
Prerequisite: Limited to American Indian Studies majors and minors. Minimum sophomore standing. Major GPA of 3.00 required
Consent: Department Consent Required
Original individual research or studies related to American Indian Studies.
Repeat: Course may be repeated

AIS 444 Indigenous Theory and Methodologies (3 crs)
Prerequisite: One course in AIS or one course in LAS or ES 385 or ENGL 368 or HMNG 101 or HMNG 102 or HUMS 110 or consent of instructor
• Field trips recommended.
Introduction to Indigenous theory and methods of critical practice within the discipline. Emphasis on active research and critical analysis of current texts, discussions, and issues within Indigenous scholarship.
Attributes: Cultural Diversity 3 cr., Undergraduate/Graduate Offering
Seminar Hours: 3

AIS 480 Capstone (3 crs)
Prerequisite: AIS 101, AIS 102, AIS 343, and AIS 444. Limited to American Indian Studies majors and minors. Minimum junior standing.
Consent: Department Consent Required
The capstone course asks a student to integrate previous learning in American Indian Studies to produce a major research project or creative activity within a seminar format. Some travel to an American Indian community is likely.
Attributes: Service-Learning, Full 30 Hours, Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 491 Special Topics (1-3 crs)
Topics will be determined by specific themes related to American Indian Studies by instructor and program director, and based upon student interest and need. Possible topics include treaty rights conflicts, tribal sovereignty, Indian mascots and logos, and studies in American Indian authors.
Repeat: Course may be repeated for a maximum of 9 credits

AIS 498 Internship (1-3 crs)
Prerequisite: 24 credits in American Indian Studies. Limited to American Indian Studies majors.
Consent: Department Consent Required
Supervised assignment outside of the University to health or education institutions or agencies, to American Indian communities, to research institutions, to museums, cultural institutions, or other determined by supervising instructor.
Attributes: Service-Learning, Full 30 Hours, Internship
**AIS 499 Independent Study (1-3 crs)**

Prerequisite: Limited to American Indian Studies majors and minors. Minimum senior standing. Required GPA of 3.00 within the major.

Consent: Department Consent Required

Original individual research or studies related to American Indian Studies.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

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**AIS 522 Native Geographies (3 crs)**

- Cross-listed with AIS 322 and GEOG 322/GEOG 522. Credit may only be earned in one of these courses.

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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**AIS 543 Contemporary American Indian Communities (3 crs)**

Prerequisite: AIS 101 or AIS 102 or consent of instructor.

- Cross-listed with AIS 343. Credit may not be earned in both courses.

Preparation for future study in AIS and/or work in American Indian communities by providing skills to work with communities toward mutually beneficial goals. Learn challenges facing American Indian communities and successful initiatives combatting those challenges. Travel required.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

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**AIS 568 Studies in American Indian History (3 crs)**

- Cross-listed with AIS 368 and HIST 368/HIST 568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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**AIS 569 Wisconsin Indian History (3 crs)**

- Cross-listed with AIS 369 and HIST 369/HIST 569. Credit may only be earned in one of these courses.

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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**AIS 595 Directed Studies (1-3 crs)**

Consent: Department Consent Required

- Cross-listed with AIS 395.

Purpose: Original individual research or studies related to American Indian Studies.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

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**Anthropology (ANTH)**

**ANTH 161 Introduction to Cultural Anthropology (3 crs)**

- Credit may not be earned in both ANTH 161 and AIS 161.

Culture as the human means of environmental adaptation. Explores cross-cultural regularities and the range of variation in human behavior. Comparison of widely different economic, social, political, and religious systems.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0
ANTH 165 Introduction to Physical Anthropology (3 crs)
Investigates human biocultural evolution, through comparative analysis of fossils, contemporary primates, and genetics.
Attributes: GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 169 Introduction to Archaeology (3 crs)
Human cultural prehistory as inferred from archaeological evidence, from the earliest Pleistocene cultures to the development of urban life. Explores archaeological methods and techniques.
Attributes: GE IIIA Social Science-Anthropology, LE-I1 Integration, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 234 Museum Curation (3 crs)
• No credit if take after ANTH 291 when offered as Museum Curation.
Provides students with the necessary background to curate museum collections.
Attributes: LE-S3 Creativity, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 291 Special Topics (1-3 crs)
Topics will vary depending on interests of students and faculty.

ANTH 312 Space, Society, Subject (3 crs)
Prerequisite: Sophomore standing or instructor consent
• Credit may not be earned in both ANTH 312 and GEOG 312.
Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.
Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Seminar Hours: 0

ANTH 313 Culture and Transnational Dynamics (3 crs)
Prerequisite: Minimum sophomore standing or instructor consent. Credit may not be earned in both ANTH 313/GEOG 313 ANTH 513/GEOG 513 and ANTH 351/GEOG 351.
• Credit may not be earned in both ANTH 313 and GEOG 313.
Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 315 Language in Culture and Society (3 crs)
Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.
Attributes: Foreign Culture, GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 325 North American Indians (3 crs)
• Credit may not be earned in both ANTH 325 and AIS 325. Previous completion of ANTH 161/AIS 161 is strongly recommended prior to enrollment in this course.
Comparative analysis, by culture area, of traditional American Indian economies, social and political organization, religion and philosophy. Impact of European colonization and control on traditional cultures.
Attributes: Cultural Diversity 3 cr., GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 351 Cross-Cultural Dynamics (3 crs)
• Credit may not be earned in both ANTH 351 and GEOG 351.
Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.
Attributes: Foreign Culture, GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 355 Peoples of Africa (3 crs)
Comparative study of traditional sub-Saharan African forms of social groupings, political organization, and religions and philosophies. Consideration of the impact of economic development, neocolonialism, and globalization on traditional cultures.
Attributes: Foreign Culture, GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ANTH 356 Women in Cross-Cultural Perspective (3 crs)
- Credit may not be earned in both ANTH 356 and WGSS 356.

Study of women’s domestic, social, economic, political, and religious roles in a broad range of the world’s societies. Examination of the historical development of women’s roles and contemporary changes.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 395 Directed Studies (1-3 crs)
Prerequisite: Six credits in Anthropology. Minimum resident GPA of 2.50. Consent: Department Consent Required
Directed study of an anthropological problem approved by the supervising instructor and department chair.
Repeat: Course may be repeated

ANTH 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing. Consent: Department Consent Required
An intensive study of an anthropological topic resulting in a quality paper or report.
Repeat: Course may be repeated

ANTH 422 Anthropology of Law (3 crs)
Prerequisite: Minimum junior standing.
The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.
Attributes: GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 432 Anthropological Fieldwork Methods and Research Design (3 crs)
Prerequisite: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, ANTH 325, ANTH 345, ANTH 351, ANTH 355 or ANTH 356).
Consent: Instructor Consent Required
This seminar offers a broad introduction to the subject of fieldwork in sociocultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

ANTH 463 Religion and Culture (3 crs)
Prerequisite: ANTH 161/AIS 161
Examination of the nature of human religious expression in cross-cultural contexts. Focus on the ways that people use myths, symbols, and rituals in both oral and written traditions.
Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 491 Special Topics (1-3 crs)
Prerequisite: Minimum junior standing.
Topics will vary depending on interests of students and faculty. Proposed topics include American Indian religion and philosophy.
Repeat: Course may be repeated for a maximum of 9 credits

ANTH 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing. Consent: Department Consent Required
An intensive study of an anthropological topic resulting in a quality paper or report.
Repeat: Course may be repeated

ANTH 512 Space, Society, Subject (3 crs)
- Cross-listed with ANTH 312 AND GEOG 312/GEOG 512. Credit may only be earned in one of these courses.

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Seminar Hours: 0

ANTH 513 Culture and Transnational Dynamics (3 crs)
Prerequisite: Credit may not be earned in both ANTH 313/GEOG 313 ANTH 313/ GEOG 313 and ANTH 351/GEOG 351.
- Cross-listed with ANTH 313 and GEOG 313/GEOG 513. Credit may only be earned in one of these courses.

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
### ANTH 515 Language in Culture and Society (3 crs)
- Cross-listed with ANTH 315. Credit may not be earned in both courses.

Examination of the rules and patterns for speech behavior in a variety of cultures. Language as an expression of social status, gender, and group membership. Study of multilingualism and language planning.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ANTH 556 Women in Cross-Cultural Perspective (3 crs)
- Cross-listed with ANTH 356 AND WGSS 356/WGSS 556. Credit may only be earned in one of these courses.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ANTH 622 Anthropology of Law (3 crs)
- Cross-listed with ANTH 422. Credit may not be earned in both courses.

The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ANTH 632 Anthropological Fieldwork Methods and Research Design (3 crs)
Prerequisite: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, ANTH 325, ANTH 345, ANTH 351, ANTH 355 or ANTH 356).
Consent: Instructor Consent Required
- Cross-listed with ANTH 432. Credit may not be earned in both courses.

This seminar offers a broad introduction to the subject of fieldwork in sociocultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.

Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

### ART (ART)

#### ART 105 Introduction to the Visual Arts (3 crs)
- Elective credit toward an art major or minor.

Visual arts survey to develop awareness and appreciation of theories, methods, and components of art within cultural and historical frameworks.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

#### ART 106 Introduction to the Visual Arts (Studio) (2 crs)
- Not for art majors or minors.

A studio course developing awareness of art forms through studio experience in various media.

Attributes: GE IVA Humanities-Fine Arts, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

#### ART 107 Foundations: Drawing and Composition (3 crs)
Prerequisite: Limited to art majors and minors or students enrolled in a UW-Eau Claire Barron County program

Introduction to freehand observational drawing and visual composition using a variety of materials and techniques.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

#### ART 108 Foundations: Color and Composition (3 crs)

Fundamental development of the effective use of color in visual compositions applied through a variety of materials and techniques.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

#### ART 110 Foundations: Three-Dimensional Art (3 crs)
Prerequisite: Limited to art majors and minors or students enrolled in a UW-Eau Claire Barron County program.

Introduction to three-dimensional methods and materials. Includes historical and contemporary perspectives of 3-D art.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 240 Intermediate Drawing (3 crs)
Prerequisite: ART 107; or consent of instructor
Application of observational and expressive intermediate drawing techniques. Includes an introduction to live figure drawing.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 241 Life Drawing I (3 crs)
Prerequisite: Two of the following: ART 107, ART 108, ART 110; or consent of instructor. Limited to art majors and minors.
An introduction to technical approaches to drawing the figure and conceptual ways of visualizing the figure.
Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 244 Introduction to Painting (3 crs)
Prerequisite: ART 107; ART 108 or ART 274; or consent of instructor
Exploration of subjects and concepts that introduce the technical and expressive nature of the painting medium.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 247 Water-Media I (3 crs)
Prerequisite: ART 107 and ART 108. No credit if taken after ART 347.
Introduction to working with water-based media. Initial instruction will include watercolor and painting from observation. Later assignments will include other water-based media and involve more conceptual approaches to image making.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 249 Introduction to Printmaking (3 crs)
Prerequisite: ART 107; ART 108 or ART 274; or consent of instructor. No credit if taken after ART 250, ART 251, ART 252, or ART 253.
Production of printed media with basic exploration in various printmaking areas. Includes relief, intaglio, serigraphy, and lithography.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 250 Printmaking - Relief-Beginning (3 crs)
Prerequisite: ART 107 and ART 108, or department approval.
Assignments present introductory experiences with linocut and woodblock print processes. Selection of wood grain, cutting tools, color ink mixing, and registration; subtractive color printing and past and contemporary printmakers are studied.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 251 Printmaking - Intaglio-Beginning (3 crs)
Prerequisite: ART 107 and ART 108, or department approval.
An introductory studio course in prints on paper from inked incisions of a variety of base plates.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 252 Printmaking - Serigraphy-Beginning (3 crs)
Prerequisite: ART 107 and ART 108, or department approval.
Studio course exploring the silk screen process using a variety of stencil techniques.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 253 Printmaking - Lithography-Beginning (3 crs)
Prerequisite: ART 107 and ART 108, or department approval.
Studio course directed toward the lithographic process, including the use of the wax crayon, tusche method, and other experimental approaches.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 264 Beginning Sculpture (3 crs)
Prerequisite: ART 107 and ART 110; or consent of instructor
Hands-on exploration of a variety of materials, techniques, and concepts related to contemporary sculpture.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 274 Compositional Principles of Graphic Design (3 crs)
Prerequisite: Limited to Graphic Communications and Graphic Design comprehensive majors; or consent of instructor
Fundamental understanding of visual perception and public communication relationships in 2D design. Emphasis on graphic software and color systems.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 275 Principles of Typography (3 hrs)
Prerequisite: ART 274 or ART 312.
Introduction to typographical letterform structures through basic design principles, practices, and the history of lettering.
Attributes: LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 276 Introduction to Visual Identity Design (3 hrs)
Prerequisite: ART 107 and ART 274
Investigation and application of symbols and logos for establishing visual identities within the context of graphic communications and design.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 278 3-D Computer Modeling (3 hrs)
Prerequisite: Two of the following: ART 107, ART 108, ART 110; or consent of instructor. No credit if taken after ART 491 titled Comp 3-D Animation.
An introductory course exploring 3-D computer image making techniques in modeling, lighting, and rendering as well as learning digital 3-D animation concepts and processes.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 281 Introduction to Photography as an Art Form (3 hrs)
A studio art course in creating photographs. Includes: concepts, analysis of works and development of composition and technique. Camera work, image processing, professional printing. Digitally based, color and black and white.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 300 Art in Elementary/Middle Level School (3 hrs)
Prerequisite: ES 203 or SPED 205.
• Not for art majors or minors except those seeking add-on licensure for Art/ Special Education teaching (ART 106 not required for these students).
Studio/discussion course involving study of child/middle level artistic development and examination of theory and practices in teaching art and Art Heritage.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ART 304 Fundamentals of Art Education (3 hrs)
Prerequisite: ART 107, ART 108, ART 110, and ARTH 109. Limited to liberal arts art majors and art education majors
An entry-level art education course for students considering becoming art educators. Theories and practices from art education praxis will be introduced and applied to teaching and learning and integrated with studio methodologies.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 312 Digital Imaging and Design (3 hrs)
• No credit for Graphic Communications or Graphic Design comprehensive majors.
Beginning concepts in typography, illustration, and page layout taught with current professional software and computers.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 332 Illustration Narratives (3 hrs)
Prerequisite: ART 244; ART 240 or ART 241
Exploration of the visual narrative using images and text within the context of contemporary illustration.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 340 Drawing: Conceptual Practices (3 hrs)
Prerequisite: Two of the following: ART 107, ART 108, ART 110. Contemporary approaches to drawing at the intermediate level with a focus on interdisciplinary concepts including collaboration, electronic media, and animation.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 341 Figure Drawing (3 hrs)
Prerequisite: ART 240 or ART 241
Develop drawing techniques with various media and enhance personal expression in depicting the human body while observing a live model.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 342 Illustration Editorials (3 crs)
Prerequisite: ART 240 or ART 241; and ART 244
Investigation of current events, news editorial markets, and promotional markets in relation to illustration.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 344 Painting: Space and Process (3 crs)
Prerequisite: ART 244
Exploration of painting techniques and processes in relation to pictorial and physical space using various materials.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 347 Water-Media Process (3 crs)
Prerequisite: ART 247 or ART 244.
Painting approaches utilizing water-media. Emphasis on material processes and experimentation.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 348 Water-Media Themes (3 crs)
Prerequisite: ART 247 or ART 244.
Application of thematic frameworks using water-media.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 349 Painting: Conceptual and Aesthetic Strategies (3 crs)
Prerequisite: ART 244
Utilize problem-solving and research strategies with painting techniques to develop individual direction. Emphasis on conceptual development.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 350 Printmaking - Relief-Intermediate (3 crs)
Prerequisite: ART 250
Studio course with advanced work in relief printmaking. Emphasis on refinement of personal expression with exploration into scale and proportion, color and multiple block printing methods.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 351 Printmaking - Intaglio-Intermediate (3 crs)
Prerequisite: ART 251
Advanced studio course in prints taken on paper from inked incisions of metal plates.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 352 Printmaking - Serigraphy-Intermediate (3 crs)
Prerequisite: ART 252
Studio course which further explores silk screen methods including photo-screen techniques.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 353 Printmaking - Lithography-Intermediate (3 crs)
Prerequisite: ART 253
Experimentation with different media, creative uses of textures and color. Printmaking on a more technologically and conceptually advanced level.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 357 Introduction to Ceramics (3 crs)
Prerequisite: ART 110; or consent of instructor
Introductory experience with basic ceramic techniques and approaches focusing on hand-building, glazing, and firing.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 358 Intermediate Ceramics (3 crs)
Prerequisite: ART 357; or consent of instructor
Application of wheel-throwing techniques as a means of visual expression. Emphasis on glazes, clay, and loading and firing kilns.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 364 Intermediate Sculpture (3 crs)
Prerequisite: ART 264; or consent of instructor
Continuation of contemporary sculptural practices with emphasis on combined methods and techniques of mixed media.
Attributes: Field Trip(s) Required, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 365 Site-Specific Sculpture (3 crs)
Prerequisite: Completion of at least four 200-level or higher art courses. This course is an introduction to the creation and history of site-specific sculpture. Students will create works that fully integrate the context of site into the viewer's interpretation of content and context.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 366 Found Media (3 crs)
Prerequisite: ART 264
Course will focus on the integration, manipulation, and conceptualization of "found media" into sculpture.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 373 Motion Graphics (3 crs)
Prerequisite: ART 312 or ART 274, plus two 200-level ART courses; or consent of instructor

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 374 Visual Communication Design (3 crs)
Prerequisite: ART 275
Application of advanced design principles to develop promotional materials. Emphasis on diversity, equity, and inclusivity in graphic communication.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 375 Digital Design I: Website Development (3 crs)
Prerequisite: ART 275 or ART 312.
Exploration of aesthetic website design and user-interface development using markup languages, creative software, and multimedia integration.

Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 376 Advanced Visual Identity Design (3 crs)
Prerequisite: ART 276 and ART 374
Advanced applications of print-related visual identity systems. Comprehensive projects include research and analysis of social and cultural contexts.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 377 Digital Painting (3 crs)
Prerequisite: ART 244
Create representational and non-representational artworks with digital software and technologies. Emphasis on conceptual development and discussion.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 378 3-D Computer Animation I (3 crs)
Prerequisite: ART 278
Continued development of computer 3-D modeling skills begun in Art 278. Students study comprehensive creative concepts and advanced 3-D artistic modeling for objects and life-figures. Additional animation techniques are included.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 381 Intermediate Photography: Darkroom (3 crs)
Prerequisite: ART 281
Continued work with photography genres, concepts, and processes. Students learn black-and-white film developing and printing and alternative processes such as silver emulsion (Liquid Light), Cyanotype, and pinhole. Emphasis on concept development.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 382 Intermediate Photography: Digital (3 crs)
Prerequisite: ART 281 or consent of instructor.
Utilizing digital techniques, students continue to develop skills and personal visions in photography through a variety of theme-based assignments. Students learn digital SLR-camera, file management, image adjustments, and printing. Emphasis on conceptual development.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 383 Video for Art and Design (3 crs)
Prerequisite: ART 281 or consent of instructor.
Development of theoretical, critical, aesthetic, and historic issues as they relate to time based imagery in contemporary art practice. Students develop technical and visual tools necessary to execute and articulate conceptual ideas and personal visions.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 384 Video for Art and Design (3 crs)
Prerequisite: ART 281 or consent of instructor.
Development of theoretical, critical, aesthetic, and historic issues as they relate to time based imagery in contemporary art practice. Students develop technical and visual tools necessary to execute and articulate conceptual ideas and personal visions.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 384 Artist Books: Image & Text (3 crs)
Prerequisite: Any 200-level course in studio art.
Interdisciplinary exploration of art in the book form. Examines the conventions of the written word, the image, and image-text relations. Explores book structures and designs through bookbinding demonstration and hands-on practices.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Approved study of a specific studio art or design topic/problem.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

ART 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual art project under the direction of an art faculty member involving research and application culminating in a final product or report.
Repeat: Course may be repeated

ART 402 Advanced Studio Practice (3 crs)
Consent: Instructor Consent Required
Studio course mixing advanced studio students of various disciplines who are researching individually proposed projects. Emphasizes the professional presentation of artwork.
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 404 Advanced Studio - Art Education (1-6 crs)
Prerequisite: ES 350 or ES 354 or consent of instructor
Consent: Department Consent Required
Repeat: Course may be repeated for a maximum of 12 credits

ART 405 Advanced Three-Dimensional Studio (1-3 crs)
Prerequisite: Minimum junior standing.
Topical projects and investigation of personal concepts through a variety of three-dimensional media.
Repeat: Course may be repeated for a maximum of 9 credits

ART 411 Advanced Studio - Life Drawing (3 crs)
Prerequisite: Grade of C+ or above in ART 341.
Consent: Department Consent Required
Students will work from the figure, studying its role in various modes of representation. Structural understanding, exploration of various processes and medium, and working in a range of format and scale are emphasized.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 43 Advanced Studio - Illustration (3 crs)
Prerequisite: ART 332, ART 341, ART 342.
Consent: Department Consent Required
Studio course focusing on the development of a professional portfolio including promotional materials, the business of illustration, further exploration of imagery and processes, and a greater unity between concept and application. Artist lectures are supplemental.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 458 Advanced Ceramics (3 crs)
Prerequisite: ART 357 and ART 358; or consent of instructor
Personal exploration of advanced ceramic forms. Emphasizes professional presentation of artwork. Topics rotate when offered.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 474 Digital Design II: Multimedia Development (3 crs)
Prerequisite: ART 375, or ART 312, or CS 245, or CS 319; or consent of instructor
Application of visual communication in electronic media. Includes digital animation, music and sound effects, and human-computer interactivity.
Attributes: GE IVA Humanities-Fine Arts, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 476 Advanced Graphic Communications (3 crs)
Prerequisite: ART 376 or consent of instructor.
Development of practical and client-based projects related to a variety of graphic communication applications.
Attributes: Service-Learning, Full 30 Hours, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
ART 477 Professional Practices: Graphic Communication (3 crs)
Prerequisite: ART 374 or ART 376
Professional practices and portfolio seminar implementing promotional materials and interview procedures. Supplemental critiques and presentations.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 478 3-D Computer Animation II (3 crs)
Prerequisite: ART 378
Extending the depth of understanding from Art 378 in 3-D models and how they are animated in time using intermediate level techniques. Aesthetic and kinetic computer 3-D character images of humans and animals are created.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 481 Advanced Studio-Photography (1-6 crs)
Prerequisite: Two of these 300-level courses: ART 381, ART 382, ART 383, or ART 384
Consent: Department Consent Required
Topical projects and investigation of personal concepts through photographic media.
Attributes: Special Course Fee Required
Repeat: Course may be repeated

ART 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required
Interest topics not covered in regular art courses such as specific media subjects, creation procedures, contemporary art concerns, or other issues.
Repeat: Course may be repeated for a maximum of 9 credits

ART 497 Student Academic Apprenticeship (1-3 crs)
Prerequisite: Limited to art majors. Minimum senior standing.
Consent: Instructor Consent Required
Facilitate teaching in a specific course as supervised by art faculty. Enhance personal knowledge of art and ability to communicate it effectively.
Grading Basis: S/U Only Grade Basis

ART 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual art project under the direction of an art faculty member involving research and application culminating in a final product or report.
Repeat: Course may be repeated

ART 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with ART 395.
Approved study of a specific studio art or design topic/problem.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ART 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual art project under the direction of an art faculty member involving research and application culminating in a final product or report.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Art History (ARTH)

ARTH 109 Art of the 20th Century (3 crs)
Prerequisite: No credit if taken after ARTH 201.
Study of art and architecture during the 20th century. Emphasizes global and pluralistic nature of modern and post-modern art.
Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTH 111 Survey: Ancient to Medieval Art (3 crs)
Historical survey of art and architecture from ancient Egypt through the Medieval era.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTH 112 Survey: Renaissance to 20th Century Art (3 crs)
Historical survey of art and architecture from the 13th to 20th century.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ARTh 217 Medieval Art (3 crs)
Prerequisite: ARTH 111
Study of art and architecture from various medieval historical periods. Emphasis on the late Roman Empire to the Italian Renaissance (c. 400-1400 CE).
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 225 History of Graphic Design (3 crs)
Designed as a survey of the development of European and American graphic design in the twentieth century. Focus is on the styles and philosophies of the most influential designers of this period.
Attributes: Foreign Culture, GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 291 Special Topics (1-3 crs)
Consent: Instructor Consent Required
Interest topics not covered in regular art history courses such as historical themes, period studies, national/regional traditions, or other focuses.

ARTh 310 History of World Architecture (3 crs)
Survey of major architectural monuments from around the world, c. 2100 BCE to the 20th century.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 315 Ancient Greek, Etruscan, and Roman Art (3 crs)
Prerequisite: ARTH 111
A study of the art and architecture of the Greeks (900 BCE-31 BCE), Etruscans (700-100 BCE), and Romans (500 BCE-400 CE). The primary objective is the interpretation of artwork and architecture in their original contexts of production and reception.
Attributes: GE IVA Humanities-Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 319 Renaissance Art (3 crs)
Prerequisite: ARTH 112
Investigation of style, evolution, and meaning in Italian and Northern European art and architecture during the 15th and 16th centuries.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 321 Baroque and Rococo Art (3 crs)
Prerequisite: ARTH 112
Study of art and architecture during the 17th and 18th centuries. Focus on Italy, France, Spain, the Low Countries, southern Germany, and England.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 324 Survey of North American Indian Art (3 crs)
Prerequisite: One AIS or ARTH or ART course or consent of instructor. Minimum sophomore standing.
Credit may not be earned in both ARTH 324 and AIS 324.
A survey of North American Indian artwork in contemporary and historical contexts.
Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 327 Nineteenth Century Art (3 crs)
Prerequisite: ARTH 112
Study of art and architecture in Europe and the United States during the 19th century.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 333 Themes in Contemporary Art (3 crs)
An investigation of the processes, theories, and historical viewpoints that motivate and structure the content of the current art world.
Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTh 335 Ancient Art and Architecture of Mexico and Central America (3 crs)
Prerequisite: One ART, ARTH, AIS, or LAS course, or consent of instructor.
Credit may not be earned in both ARTH 335 and AIS 335.
A study of the art and architecture of ancient Mexico and Central America between 2000 BCE - 1600 CE. Focus is on the materials, techniques, styles, and iconography of the art and architecture in relation to the contexts of production, use, and reception.
Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ARTH 337 Art of Tawantinsuyo (3 crs)
• Credit may not be earned in both ARTH 337 and AIS 337.
A study of art created during the Inka Empire and the early Spanish Empire in western South America.
Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTH 350 Travel Opportunities in Art (1-6 crs)
Consent: Instructor Consent Required
• Fee variable.
Travel seminars examining art in this country and abroad. Ranges from field trips to full programs.
Attributes: GE IVA Humanities-Fine Arts, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

ARTH 385 Photography: History and Theory (3 crs)
Survey examining ideas, processes, and theories within the history of still photography for the past and present. Defines relationships between the medium and other contemporary events that have shaped the nation and world.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTH 389 Methodologies of Art History (3 crs)
Prerequisite: ARTH 111 and ARTH 112.
Survey of major methodologies and approaches used by art historians to construct and interpret the discipline’s content.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ARTH 395 Directed Studies (1-3 crs)
Prerequisite: Minimum 9 credits art history.
Consent: Department Consent Required
Approved study of a specific art historical problem or topic.
Repeat: Course may be repeated

ARTH 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum 12 credits art history.
Consent: Department Consent Required
Individual research project in a specific art history subject under the direction of an art history faculty member.
Repeat: Course may be repeated

ARTH 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required
Interest topics not covered in regular art history courses such as historical themes, period studies, national/regional traditions, or other focuses.

ARTH 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum 12 credits art history.
Consent: Department Consent Required
Individual research project in a specific art history subject under the direction of an art history faculty member.
Repeat: Course may be repeated

ARTH 550 Travel Opportunities in Art (1-6 crs)
Consent: Department Consent Required
• Cross-listed with ARTH 350. Fee variable.
Travel seminars examining art in this country and abroad. Ranges from field trips to full programs.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

Biology (BIOL)

BIOL 104 Marine Biology (3 crs)
• No credit toward biology major or minor.
Examination of major marine ecosystems and their inhabitants, the anthropogenic factors contributing to their endangerment and the efforts being made to conserve them.
Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 105 General Biology (3 crs)
Prerequisite: No credit if taken after BIOL 100 or BIOL 223.
• No credit toward biology major or minor. This course cannot serve as a prerequisite for 300-level biology courses.
An integrated presentation of important topics and ideas in modern biology. Designed to serve as a broad introduction to the life sciences.
Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
BIOL 106 Exploring the Living World (2 crs)
- No credit toward biology major or minor.

A lab and discussion course introducing students to various modes of inquiry in modern biology, ranging from the molecular to the ecological. Students will work in groups to develop, conduct and write up findings of original research projects.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

BIOL 130 Human Sexual Biology (3 crs)
- Credit may not be earned in both BIOL 130 and WMNS 130. No credit toward biology major or minor.

Structure, function, control, and coordination of the human reproductive organ system. Formation and function of sex cells. Problems of lactation, fertility, sterility, sexuality, birth control challenges, and human population.

Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 151 Biology of Humans (4 crs)
Prerequisite: No credit if taken after or concurrently with BIOL 214.

Basic principles and processes of the human body. Emphasis on human origin and evolution, biomolecules, cells, organ systems and disorders, reproduction, genetics, and the role of humans in the biosphere.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 180 Environmental Biology and Conservation (3 crs)
Prerequisite: No credit if taken after GEOG 178.

A satisfying Wisconsin conservation requirement for teaching certificates in science and social science.

An introduction to natural resource conservation. Problems associated with the use and abuse of America's resources are studied in an ecological framework. Resource management methods are explored.

Attributes: GE IIA Natural Science-Biology, LE-I1 Integration, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

BIOL 181 Environmental Biology and Conservation Lab (1 cr)
Prerequisite: Must be taken with BIOL 180.

Laboratory science course intended to be taken with Biology 180, Environmental Biology and Conservation, in order to receive laboratory science credit. Labs and field trips have students explore problems and solutions associated with environmental and conservation of natural resource issues.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Service-Learning Optional, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

BIOL 195 Plants and Society (4 crs)
- No credit toward biology major or minor.

An introduction to the biology of plants and their use by humans for food, beverage, spices, commercial products, and medicine.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 196 Human Nutrition (3 crs)
Prerequisite: No credit after BIOL 354

Introduction to nutrition including coverage of nutrients-functions and sources; digestion and absorption; food guides; obesity and energy needs; diet and chronic disease; hunger in the world and United States; organic foods; sport nutrition; nutrition.

Attributes: Wellness Theory, GE IIA Natural Science-Biology, LE-K1 Natural Sciences
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

BIOL 214 Human Anatomy and Physiology I (4 crs)
Prerequisite: Grade of C or above in: CHEM 103, or CHEM 105 and CHEM 106, or CHEM 115

- No credit toward biology major or minor or pre-professional health science minor unless BIOL 314 is taken.

The fundamentals of bodily function are studied at the cellular, tissue, organ, and organ system levels. Integration of physiological function and anatomical structure will be highlighted in the skeletal, muscular, nervous, and endocrine systems.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
**BIOL 221 Foundations of Biology I (4 crs)**
Prerequisite: MATH 109 or placement into MATH courses above 109; CHEM 103, or CHEM 115, or CHEM 105 and CHEM 106, or concurrent enrollment. Credit may not be earned in both BIOL 221 and BIOL 111.
Introduction to cell biology, genetics, evolution, and microbiology.
Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

**BIOL 222 Foundations of Biology II (3 crs)**
Prerequisite: Grade of C or above in BIOL 111 or BIOL 221. Credit may not be earned in both BIOL 222 and BIOL 211.
- Concurrent enrollment in BIOL 223 is strongly recommended.
Introduction to evolution, organismal form and function, and ecology.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**BIOL 223 Foundations of Biological Inquiry (2 crs)**
Prerequisite: Grade of C or above in BIOL 111 or BIOL 221. Credit may not be earned in both BIOL 223 and BIOL 211.
- Concurrent enrollment in BIOL 223 is strongly recommended.
Introduction to inquiry methods in biology focusing on scientific methods including experimental design, data collection and analysis, and critical thinking.
Attributes: LE-S3 Creativity
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

**BIOL 250 Microbiology (3 crs)**
Prerequisite: BIOL 214 and one semester of college chemistry. No credit if credit has been earned in BIOL 361.
- No credit toward liberal arts biology major or minor.
Study of the attributes of several microbial groups and their interactions with human systems in the disease process.
Attributes: GE IIA Natural Science-Biology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**BIOL 291 Special Topics in Introductory Biology (1-3 crs)**
Prerequisite: No credit if taken after BIOL 221.
Biological topics of current and special interest not typically covered in an introductory biology course, and of special interest to students and faculty.

**BIOL 296 Student Academic Experience (1-2 crs)**
Prerequisite: Eight credits in biology, with a 3.00 GPA including a grade of B or above in the course in which the teaching experience will occur. Limited to biology majors.
Consent: Instructor Consent Required
- No more than two credits can be counted toward a biology major or minor. A total of four credits may be taken between this course and BIOL 496.
Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge of biology and their ability to communicate that knowledge to other students.
Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

**BIOL 305 Molecular and Cell Biology (4 crs)**
Prerequisite: Grades of C or above in BIOL 221, BIOL 222, and BIOL 223; and CHEM 104 or CHEM 109 or CHEM 115 or consent of instructor.
- Credit may not be earned in BIOL 305/BIOL 505 and BIOL 302 or BIOL 305/BIOL 505 and BIOL 304.
Current concepts in molecular/cell biology including structure/function of cells and cell organelles, gene function/regulation, and cell signaling.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

**BIOL 306 Infectious Disease Ecology (3 crs)**
Prerequisite: BIOL 111 or BIOL 221; and CHEM 104 or CHEM 109 or CHEM 115. Minimum junior standing.
Introduction to the realities of microbial pathogens in our lives and their relationship to hosts, reservoirs, and environmental factors. Discussion of emerging and re-emerging diseases.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

**BIOL 307 Cell and Molecular Biology Laboratory (2 crs)**
Prerequisite: BIOL 302 or concurrent enrollment.
A lab course introducing various technical aspects of cell and molecular biology. Techniques include cell culture, cell separation, extraction and separation of macromolecules, immunooassay, enzyme assays, immunofluorescence, PCR, and DNA sequencing.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4
BIOL 308 Evolution (3 crs)
Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223. 
An introduction to evolution, including: origin and impact of the theory of 
evolution, origin of life, genetics and natural selection, molecular evolution, 
speciation, adaptation, systematics, fossil record, biogeography, species 
interactions, and human evolution.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 311 General Entomology (4 crs)
Prerequisite: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and 
BIOL 223.
Study of the structure, function, diversity, ecology, and management of insects. 
Field collection and laboratory identification of terrestrial and aquatic insects of 
Wisconsin.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 314 Human Anatomy and Physiology II (4 crs)
Prerequisite: BIOL 214 with a grade of C or above. Minimum sophomore 
standing.
The fundamentals of bodily function are studied at the cellular, tissue, organ, 
and organ system levels. Integration of physiological function and anatomical 
structure will be highlighted in the cardiovascular, respiratory, excretory, 
digestive, and reproductive systems.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 315 Reproductive Physiology (3 crs)
Prerequisite: BIOL 222 and BIOL 223.
Examination of the principles and mechanisms of reproduction in human. 
Social aspects of reproduction, including reproductive biotechnologies and 
reproductive health will also be discussed.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3 Hours
Lab/Studio Hours: 0 Hours

BIOL 317 Animal Physiology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; 
CHEM 104 or CHEM 109 or CHEM 115.
Analysis of animal function using physical and chemical principles; homeostatic 
regulation of the internal environment of animals.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 318 Plant Form and Function (4 crs)
Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223.
Study of the classification, structure, function, development, and behavior of 
plants in an evolutionary and experimental context.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 319 Animal Form and Function (5 crs)
Prerequisite: Grades of C or above in BIOL 222 and BIOL 223 or Grades of C or 
above in BIOL 221 and IDIS 125. No credit if taken after or concurrently with 
BIOL 317, 350, or 380
An examination of the comparative biology of animals including their 
evolution, reproduction, development, physiology, and behavior. Laboratories 
include an experimental approach to the study of animal form and behavior.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2

BIOL 320 Studies in Tropical Environments (3 crs)
Consent: Instructor Consent Required
Extended travel to study the biological diversity and natural history of 
terrestrial and aquatic organisms from a tropical environment. Emphasis on 
human impacts to tropical ecosystems.
Attributes: GE II A Natural Science-Biology, Lab Science, Special Course Fee 
Required Varies by Term/Section
Repeat: Course may be repeated
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

BIOL 321 Ecology (3 crs)
Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223, or 
GEOL 312, or GEOG 200. No credit if taken after BIOL 335.
Core concepts and theories in ecology at the individual, population, 
community, and ecosystems levels and their applications.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 322 Plant Anatomy (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.
The development and structure of cells, tissue, and organs; the structure and 
growth of meristems; comparative anatomy of stems, roots, and leaves of 
vascular plants.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4
BIOL 323 Genetics (3 crs)
Prerequisite: BIOL 211, or grades of C or above in BIOL 222 and BIOL 223, or consent of instructor; and MATH 109 with a grade of C or above or consent of instructor. No credit if taken after BIOL 300/500
Basic principles of heredity and variation; genetic systems, structure and roles of nucleic acids, mutation, allelism, genes in development, genes in populations, and genetics in human life; genetic engineering and genomics.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 324 Genetics Inquiry (2 crs)
Prerequisite: BIOL 305 or 323; CHEM 104 or 109 or 115; or consent of instructor. No credit after BIOL 300.
A lab/discussion course involving methods of genetic and genomic analysis.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

BIOL 325 Plant Systematics (4 crs)
Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223.
Principles of classification, nomenclature, and determining evolutionary relationships among plants; survey of plant diversity including mosses, ferns, conifers, and flowering plants. Field identification of local flora.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 326 Economic Botany (3 crs)
Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223.
Plants upon which civilization is dependent for food, spices, fiber, shelter, fuel, medicine, and industrial products. Emphasis is on plant biology, use of plants, and relationship of plants to human cultures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 328 Conservation Biology (4 crs)
Prerequisite: GEOG 178 or BIOL 180, and one introductory (100 or 200-level) biology lab course [includes: BIOL 100, BIOL 151, BIOL 181, BIOL 110, BIOL 111, BIOL 221, or BIOL 222 (if taken with or after BIOL 223)]. Minimum junior standing.
Scientific basis for conserving biological diversity. Explore global efforts in research, education, and advocacy for conserving genes, species, and ecosystems and their ecological and evolutionary processes. Applied engagement in habitat restoration, conservation research, and education.

Attributes: Service-Learning, Half 15 Hours, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 329 Biological Field Experiences and Service-Learning Capstone (1-2 crs)
Prerequisite: BIOL 110, BIOL 111, and BIOL 211 or grades of C or above in BIOL 222 and BIOL 223. Minimum junior standing.
Consent: Instructor Consent Required
- Capstone for Environmental Science minors or comprehensive majors in Ecology and Environmental Biology.

Group participation and collaboration with a community organization engaging in hands-on work experience or environmental education focusing on protecting/teaching about Wisconsin biodiversity through projects in habitat restoration, research, and education.

Attributes: Service-Learning, Full 30 Hours, Capstone Course, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 3 credits

BIOL 331 Trees and Shrubs (3 crs)
Prerequisite: BIOL 110, or grades of C or above in BIOL 222 and BIOL 223, or BIOL 195.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

BIOL 332 Field Botany (3 crs)
Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

BIOL 333 Plant Physiology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 109 or CHEM 115.
A study of physiological processes that enable plants to grow under the varied conditions found in nature. Topics include plant metabolism, transport, growth, and development. Labs reinforce principles covered in lecture.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 338 Vegetation Ecology (4 crs)
Prerequisite: Minimum junior standing.
Patterns and processes in vegetation, with an emphasis on the natural vegetation of Wisconsin. Laboratories will include field methods and an introduction to multivariate statistical analyses.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4
BIOL 339 Physiological Ecology (4 crs)
Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223. No credit if taken after BIOL 356. The course will use comparative approaches to study physiological and behavioral adaptations for living in stressful environments.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 340 Ornithology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223 or consent of instructor.
Introduction to avian biology, including taxonomy, evolution, reproduction, physiology, flight, communication, behavioral ecology, and population census techniques (e.g., bird banding). Lab and field identification of Wisconsin bird species. Students will conduct a semi-independent research project.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 345 Invertebrate Zoology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.
An introduction to invertebrate animals with emphases on phylogenetic relationships, form, function, and ecology. Laboratory sessions include field trips for the purpose of collecting invertebrate animals and experiments to learn about the biology of invertebrates.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 350 Systems Neuroscience (4 crs)
Prerequisite: Grades of C or above in BIOL 222 and BIOL 223, or grade of C or above in BIOL 319
How networks of neurons form the basis of higher brain function including sensory, motor, and integrative functions.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

BIOL 351 Systems Neuroscience Lab (3 crs)
Prerequisite: Grade of C or above in BIOL 318 or BIOL 319, or consent of instructor
Methods to study systems of neurons as they relate to behavior and cellular mechanisms including electrophysiology, histology and immunocytochemistry.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

BIOL 356 Wisconsin Wildlife (4 crs)
Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223. No credit if taken after BIOL 339, BIOL 340, BIOL 369, BIOL 379, or BIOL 410.
A course designed to provide an overview of Wisconsin vertebrate diversity. Topics include distribution, behavior, ecology, and conservation of Wisconsin species. For students seeking a general understanding of vertebrate biology and skills in field identification.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 358 Cellular and Developmental Neuroscience (4 crs)
Prerequisite: Grade of C or above in BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.
In-depth examination of molecular, cellular and developmental processes in the nervous system. Exposure to the primary literature. Students design, implement and interpret experiments in laboratory. Students will write a proposal based on work in laboratory.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 360 Vertebrate Design and Evolution (4 crs)
Prerequisite: BIOL 319
Survey of vertebrate form and diversity, with emphasis on the evolutionary relationships among these groups and the interactions between form, function and ecology.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 361 Biology of Microorganisms (5 crs)
Prerequisite: BIOL 111 or BIOL 221, and one year of chemistry.
Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 4

BIOL 362 Field Zoology (3 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.
Field trips and laboratories concerned with habitat observation, collection, and identification of local animals, with emphasis on the invertebrates and cold-blooded vertebrates.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2
BIOL 365 Animal Behavior (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223, or one year of college zoology, or consent of instructor.
Study of animal behavior with emphasis on evolutionary approaches; topics include feeding adaptations, predator-prey interactions, habitat selection, communication, sociality, and mating strategies. Students work together on lab/field exercises and conduct a semi-independent research project.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 371 Medical Mycology (3 crs)
Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223, and one semester of college chemistry. Minimum junior standing.
An introduction to the medically important fungi. Topics include fungal structure; superficial, cutaneous, and systemic mycoses; mechanisms of disease; host response to fungal infections and treatment/prevention.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 376 Aquatic Ecology (3-4 crs)
Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223. Minimum junior standing.
- BIOL 330 is recommended prior to enrollment in this course. Two Saturday field trips are required.
Ecology of aquatic organisms in lakes and streams. Emphasis is placed on processes shaping the structure and dynamics of freshwater communities. Laboratory experiments and field trips required.
Attributes: Field Trip(s) Required, Special Course Fee Required

BIOL 379 Biology of Fishes (4 crs)
Prerequisite: BIOL 319
Anatomy, physiology, taxonomy, behavior, ecology, and evolution of fishes. Laboratory and field study of local freshwater species.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 380 Endocrinology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 109 or CHEM 115.
Study of the relationships between histophysiology, chemistry, and disorders of the endocrine system; its interrelationships with the nervous system and how both contribute to bodily homeostasis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 383 Biostatistics (4 crs)
Prerequisite: BIOL 110 and BIOL 111 or grades of C or above in BIOL 222 and BIOL 223; MATH 111 or MATH 114.
Practical applications of statistics are used to learn concepts and to develop skills. Graphical analysis, parameter estimation, and formal tests of hypotheses performed in the context of real biological studies using powerful statistical software.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 384 Biological Investigation (2 crs)
Consent: Instructor Consent Required
Biological investigation is designed for students participating in undergraduate/faculty collaborative research projects.
Repeat: Course may be repeated
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

BIOL 385 Undergraduate Seminar (1 cr)
Prerequisite: Minimum senior standing.
Presentation of current research topics in student-selected subareas of biology.
Attributes: Capstone Course
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

BIOL 386 Biology Research Methods (3 crs)
Prerequisite: BIOL 211 or concurrent enrollment in BIOL 211, or grades of C or above in BIOL 222 and BIOL 223.
Consent: Instructor Consent Required
Introduction to the scientific inquiry. Focus on philosophy of science, nature of scientific data, methods of data collection, analysis of data and peer reviewed literature, and communication of scientific results.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 390 Biological Immersion Experience (1-4 crs)
Consent: Instructor Consent Required
Project-based, field intensive, biological immersion experience focusing on the nature of environmental controls on floral and faunal distribution within a geographic region. Societal influence and interaction with the biological realm will be emphasized.
Attributes: Foreign Culture, GE IIA Natural Science-Biology, Lab Science, Service-Learning Optional Half, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only
BIOL 395 Directed Studies (1-3 crs)
Prerequisite: Minimum sophomore standing.
Consent: Department Consent Required
Directed study of a question or problem of biological interest, approved by the supervising faculty and the department chair.
Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated

BIOL 396 Honors Research (1-7 crs)
Prerequisite: 12 credits and 3.50 GPA in biology courses. Minimum junior standing.
Individual research project under the direction of a research adviser.
Repeat: Course may be repeated for a maximum of 7 credits

BIOL 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Independent study projects under the direction of a faculty member.
Repeat: Course may be repeated

BIOL 400 Medical Microbiology (3 crs)
Prerequisite: BIOL 361
An introduction to microorganisms that cause disease. Topics will include the biology and ecology of medically important fungi, parasites, viruses and bacteria; mechanisms of disease; host responses to microbial infections; treatment and prevention of various disease.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 402 Current Topics in Virology and Immunology (4 crs)
Prerequisite: BIOL 361
Lectures and readings in immunology and virology. Emphasis on the mode of thinking and reasoning that led to earlier solutions. Discussions of current advances in the fields.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 405 Advanced Cell and Molecular Lab (4 crs)
Prerequisite: BIOL 305, BIOL 300 or BIOL 323, and CHEM 326 or instructor consent.
A lab/discussion course teaching methods in molecular/cell biology research using prokaryotic and eukaryotic systems, focusing on DNA/RNA analyses.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 409 Molecular Genetics (4 crs)
Prerequisite: BIOL 305, BIOL 323, and CHEM 352 or CHEM 452.
Molecular genetics comprehensively integrates biochemistry, molecular, and cellular biology and serves as the culminating biochemistry/molecular biology course. Topics include genomics, developmental genetic systems, organelle genomes, evolutionary genetics, immunogenetics, and medical genetics.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 423 Collaborative Research in Biology (3 crs)
Prerequisite: Minimum GPA of 3.0 in the biology major, and completion of at least one upper-division (300-level or higher) biology course. Minimum junior standing. Limited to biology majors and minors.
Consent: Instructor Consent Required
• BIOL 383 is highly recommended prior to enrollment in this course.
Students design and implement collaborative research projects to address special topics identified by the instructor. Student researchers will develop hypotheses and design studies to test them. The course emphasizes teamwork, data interpretation, and communication.
Attributes: Field Trip(s) Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

BIOL 435 Advanced Ecology (4 crs)
Prerequisite: BIOL 335 or consent of instructor.
• Credit may not be earned in both BIOL 330 and BIOL 435.
Advanced topics in physiological, behavioral, population, community, or ecosystem ecology.
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 460 Developmental Biology (4 crs)
Prerequisite: BIOL 323, or consent of instructor
A study of the molecular mechanisms underlying embryogenesis focusing on fertilization, embryonic patterning, cellular differentiation, and organogenesis. Emphasis placed on current experimental techniques and primary literature.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 485 Issues in Biology (2 crs)
Prerequisite: Limited to biology majors and minors. No credit if taken after BIOL 385 or BIOL 497. Minimum senior standing.
Senior groups will use their education to locate and evaluate research on selected issues. Groups will produce a scholarly background paper, a creative presentation, and lead a discussion.
Attributes: Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
BIOL 490 Biological Field Studies (1-4 crs)
Prerequisite: One introductory and one upper-division biology course.
Consent: Instructor Consent Required
Extended travel to study field biology. Students record notes and data in the field and submit final written and/or oral reports. Field identification quizzes may also be required.
Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 4 credits

BIOL 491 Special Topics (1-3 crs)
Prerequisite: Minimum junior standing.
Lectures, laboratory, or field study covering specific areas not normally discussed in regular classes, and of special interest to students or faculty.
Repeat: Course may be repeated

BIOL 496 Student Academic Apprenticeship (1-2 crs)
Prerequisite: Sixteen credits in biology including the course to be apprenticed with a grade of B or above and 3.00 GPA or higher in biology coursework.
Minimum senior standing. Limited to biology majors.
Consent: Instructor Consent Required
- No more than two credits can be counted toward a biology major or minor. A total of four credits may be taken between this course and BIOL 296.

For qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Apprentices enhance their knowledge of biology and their ability to communicate that knowledge to other students.
Attributes: Service-Learning, Full 30 Hours, Capstone Course
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

BIOL 497 Senior Research Presentation (1 cr)
Prerequisite: BIOL 395 or BIOL 399 or BIOL 499 or consent of instructor. Limited to biology majors and minors. Minimum senior standing. No credit if taken after BIOL 385 or BIOL 485.
Capstone for biology majors involved in field or laboratory research. Student will present independent research through an oral presentation or poster given at Student Research Day.
Attributes: Capstone Course
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

BIOL 498 Internship in Biology (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Provides supervised on-the-job experience in a biologically-related area of interest.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: S/U Only Grade Basis

BIOL 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Independent study projects under the direction of a faculty member.
Repeat: Course may be repeated

BIOL 505 Molecular and Cell Biology (4 crs)
Prerequisite: Grades of C or above in BIOL 221, BIOL 222, and BIOL 223; and CHEM 104 or CHEM 109 or CHEM 115 or consent of instructor
- Dual-listed with BIOL 305. No credit after BIOL 305, BIOL 302, 304, 502 or 504

Current concepts in molecular/cell biology including structure/function of cells and cell organelles, gene function/regulation, and cell signaling.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 506 Infectious Disease Ecology (3 crs)
Prerequisite: BIOL 111 or BIOL 221; and CHEM 104 or CHEM 109 or CHEM 115.
- Cross-listed with BIOL 306. Credit may not be earned in both courses.

Introduction to the realities of microbial pathogens in our lives and their relationship to hosts, reservoirs, and environmental factors. Discussion of emerging and re-emerging diseases.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 511 General Entomology (4 crs)
Prerequisite: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.
- Cross-listed with BIOL 311. Credit may not be earned in both courses.

Study of the structure, function, diversity, ecology, and management of insects. Field collection and laboratory identification of terrestrial and aquatic insects of Wisconsin.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 515 Reproductive Physiology (3 crs)
Prerequisite: BIOL 222 and BIOL 223.
- Cross-listed with BIOL 315. Credit may not be earned in both courses.

Examination of the principles and mechanisms of reproduction in human. Social aspects of reproduction, including reproductive biotechnologies and reproductive health will also be discussed.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
BIOL 523 Genetics (3 crs)
Prerequisite: No credit if taken after BIOL 300/500
  • Cross-listed with BIOL 323. Credit may not be earned in both courses.
Basic principles of heredity and variation; genetic systems, structure and roles of nucleic acids, mutation, allelism, genes in development, genes in populations, and genetics in human life; genetic engineering and genomics.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 561 Biology of Microorganisms (5 crs)
Prerequisite: BIOL 111 or BIOL 221, and one year of chemistry. No credit if taken after credit earned in BIOL 250.
  • Cross-listed with BIOL 361. Credit may not be earned in both courses.
Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 4

BIOL 580 Endocrinology (4 crs)
Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 109 or CHEM 115.
  • Cross-listed with BIOL 380. Credit may not be earned in both courses.
Study of the relationships between histophysiology, chemistry, and disorders of the endocrine system; its interrelationships with the nervous system and how both contribute to bodily homeostasis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 600 Medical Microbiology (3 crs)
Prerequisite: BIOL 361/561
An introduction to microorganisms that cause disease. Topics will include the biology and ecology of medically important fungi, parasites, viruses and bacteria; mechanisms of disease; host responses to microbial infections; treatment and prevention of various disease.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 602 Current Topics in Virology and Immunology (4 crs)
Prerequisite: BIOL 361/561
  • Cross-listed with BIOL 402. Credit may not be earned in both courses.
Lectures and readings in immunology and virology. Emphasis on the mode of thinking and reasoning that led to earlier solutions. Discussions of current advances in the fields.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

BIOL 704 Research Techniques (2 crs)
Consent: Instructor Consent Required
Emphasis on experimental design and specific techniques appropriate to the various subdisciplines in biology.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BIOL 791 Directed Studies (1-3 crs)
Consent: Instructor Consent Required
Lectures, laboratory, or field study covering specific areas not normally included in regular classes, and of special interest to students and/or faculty.
Repeat: Course may be repeated for a maximum of 7 credits
Grading Basis: No S/U Grade Option

BIOL 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Independent study projects under direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

BIOL 799 Thesis (1-6 crs)
  • Full-time equivalent.
A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: PR Only Grade Basis

Business Administration (BSAD)

BSAD 100 Introduction to the World of Business (1 cr)
Prerequisite: Credit cannot be earned if taken after BSAD 101.
  • Credit cannot be counted toward any College of Business major or minor programs.
An introduction to the business organization, and the roles and functions performed by those who work within the business.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

BSAD 101 Business Concepts for Technical Professionals (3 crs)
Prerequisite: Limited to CS majors. Minimum sophomore standing.
  • Not open to College of Business juniors and seniors.
Business concepts for computer science majors or minors. Vocabulary of accounting, finance, management, marketing, and business communication. Emphasizes project management, team participation, business process reengineering, business systems analysis, professionalism, career planning, and business ethics.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
BSAD 105 Essentials of Accounting (2 crs)
Prerequisite: Credit cannot be earned if taken after ACCT 201.
- Credit cannot be counted toward any College of Business major or minor programs.

This course teaches students how to interpret basic financial statements. Students learn the parts of annual reports issued by companies, the differences between balance sheets and income statements, and basic accounting terminology.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 110 Business Leadership Institute (1-2 crs)
Prerequisite: New Freshmen Only
This course helps students develop the knowledge and competencies necessary to reach their educational potential. Topics include leadership, teamwork, goal setting, time management, communication skills (interpersonal, oral, and written), social responsibility, globalization, and diversity.

Lecture/Discussion Hours: 1-2
Lab/Studio Hours: 0

BSAD 115 Essentials of Human Resource Management (2 crs)
Prerequisite: Credit cannot be earned if taken after MGMT 349.
- Credit cannot be earned toward any College of Business major or minor programs.

This course examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. This course is for non-business students seeking a business elective or the business administration certificate.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 120 Essentials of Personal Finance (2 crs)
Prerequisite: Credit cannot be earned if taken after FIN 135.
- Credit cannot be earned toward any College of Business major or minor programs.

This course teaches how to manage your finances. You learn how to track spending, set up a budget, avoid hidden costs in transactions, and invest. You learn personal finance terminology used in the financial press.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 125 Essentials of Marketing (2 crs)
Prerequisite: Credit cannot be earned if taken after MKTG 330.
- Credit cannot be earned toward any College of Business major or minor programs.

This course provides students with a basic understanding of marketing. Students learn the role of product, price, promotion, and distribution in the marketing process and explore how marketing impacts their chosen field.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 130 Essentials of Management (2 crs)
Prerequisite: Credit cannot be earned if taken after MGMT 340.
- Credit cannot be earned toward any College of Business major or minor programs.

This course explores basic managerial functions such as planning, organizing, staffing, directing, and controlling. Topics include the application of management principles to include aspect of authority, departmentalization, line and staff relations, and comparative management.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 135 Essentials of Business Communication (2 crs)
Prerequisite: Credit cannot be earned if taken after both BCOM 206 and BCOM 207.
- Credit cannot be earned toward College of Business major or minor programs.

This course introduces students to the basics of business communication. Students learn to determine the most effective means to communicate the plan, revise, and polish communication for business.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 140 Essentials of Information Systems (2 crs)
Prerequisite: Credit cannot be earned if taken after IS 240.
- Credit cannot be earned toward any College of Business major or minor programs.

This course offers a focus on personal information systems to enhance your productivity in today’s digital environment. It emphasizes computer use, tool integration, and support of business processes.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
BSAD 145 Essentials of Business Law (2 crs)
Prerequisite: Credit cannot be earned if taken after BSAD 305 or BSAD 306.
- Credit cannot be earned toward any College of Business major or minor programs.

This course examines the business legal environment, including sources of law and forms of business ownership. You will learn basic principles of agency, contract law, warranty and commercial paper.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 150 Essentials of Investing (2 crs)
Prerequisite: Credit cannot be earned if taken after FIN 320.
- Credit cannot be earned toward any College of Business major or minor programs.

This course teaches the basics of financial investments. You will learn to identify investments and when and how much to invest. Topics include real estate, financial instruments, and insurance annuities. You will learn basic investment terminology.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 155 Essentials of Leadership (2 crs)
Prerequisite: Credit cannot be earned if taken after MGMT 300 OR MGMT 340.
- Credit cannot be earned toward any College of Business major or minor programs.

This course will examine how “good” leadership has evolved, delve into theories that describe the process of leadership, and explore the various roles 21st century leaders must embrace to be effective.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 180 Foundations for Success in Business (3 crs)
Prerequisite: Declared College of Business major or COB undecided. Open to Freshman only.
Introduction to business and the integration of functional areas within business. Individual and group work investigating foundations of business success. Introduction to College of Business learning goals of teamwork, communication, and problem solving.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BSAD 191 Special Topics (1-3 crs)
Selected topics of special interest to students and faculty, not normally covered in regular classes.
Repeat: Course may be repeated for a maximum of 6 credits

BSAD 202 Business Statistics (3 crs)
Probability and statistics applied to business problems; frequency and probability distributions, mean and variance, normal distribution, hypothesis testing, linear regression and correlation.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BSAD 210 Service-Learning in Business Administration (1 cr)
Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

BSAD 300 Diversity in the Workplace (1 cr)
Prerequisite: Completion of 45 credits
Develops the awareness and sensitivity of students to issues of race, religion, culture, age, gender, sexual orientation, and disabilities in the workplace.

Attributes: Cultural Diversity 1 cr.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

BSAD 305 Legal and Regulatory Environment (2 crs)
Prerequisite: Completion of 54 credits
Legal environment affecting business decision making, including sources of law, court systems, civil procedure, negligence, intellectual property, criminal law standards, agency, partnerships, corporations and securities regulation, trade regulation, administrative law, and insurance law.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 306 Business Law (3 crs)
Prerequisite: Minimum junior standing.
- BSAD 305 is recommended prior to enrollment in this course.

Law of contracts, sales, negotiable instruments, secured transactions, suretyship, bankruptcy, accountant’s legal liability, personal property, bailments and documents of title, real estate, wills, trusts, and insurance.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
BSAD 315 International Business Law (3 crs)
Prerequisite: Minimum junior standing.
A study of private and public law as it affects U.S. companies dealing in international business.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BSAD 380 Applied Quantitative Methods (3 crs)
Prerequisite: MATH 111 or MATH 114; BSAD 202 or MATH 246 or equivalent; IS 240.
- This class requires access to a laptop computer which can be brought to class when required.
Quantitative aspects of business decision-making, including regression, time-series, ANOVA, queuing, simulation, decision analysis, and other statistical and management science techniques.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BSAD 395 Directed Studies (1-4 crs)
Consent: Department Consent Required

BSAD 398 Internship Program I (1-3 crs)
Prerequisite: ECON 103, 104, ACCT 201, IS 240. Minimum junior standing
Consent: Department Consent Required
- Acceptance in Internship Program. See description under College of Business.
A maximum of three credits of BSAD 398, MGMT 398, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.
Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 3 credits

BSAD 399 Independent Study Projects (1-4 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Lab/Studio Hours: 0
Repeat: Course may be repeated
Lecture/Discussion Hours: 1-4

BSAD 491 Selected Topics in Business (1-3 crs)
Prerequisite: Minimum senior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.
Consent: Instructor Consent Required
Small groups will study topics selected because of a special interest on the part of students or faculty.
Repeat: Course may be repeated
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

BSAD 495 Directed Projects (3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Internship experiences in business situations relevant to student’s major field of study; under supervision of faculty member.
Repeat: Course may be repeated

BSAD 498 Internship Program II (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
- Acceptance in Internship Program. See description under College of Business.
Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.
Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated

BSAD 499 Independent Study Projects (1-4 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

BSAD 702 Statistical Analysis Foundation (2 crs)
Prerequisite: Limited to MBA students.
- Not for MBA degree credit
Emphasis placed on applied business statistics. Discussion focuses on probability, frequency and probability distributions, mean and variance, normal, chi-square, t and F distributions, hypothesis testing, regression, correlation, nonparametric statistics, and analysis of variance.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BSAD 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

BSAD 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Business Communication (BCOM)

BCOM 206 Business Writing (2 crs)
Prerequisite: Minimum junior standing.
- Students who earn less than a C in BCOM 206 must repeat the course until they earn a C to meet the College of Business communication requirement.

Learn to write emails, memos, letters, reports, and employment documents. Adapt messages to existing and emerging technologies. Analyze audiences and use effective techniques to communicate using standard grammar, mechanics, punctuation, and document format.

Attributes: LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 207 Business Presentations (2 crs)
Prerequisite: Minimum sophomore standing.
- Students who earn less than C in BCOM 207 must repeat the course to meet the College of Business communication requirement.

Students will learn to communicate professionally in meetings, roundtables, project teams, and individual presentations using appropriate psychology, sensitivity, and technology.

Attributes: LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 306 Advanced Business Writing (2 crs)
Prerequisite: A grade of C or better in BCOM 206
Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 307 Advanced Business Presentations (2 crs)
Prerequisite: A grade of C or better in BCOM 207
Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 308 Technology for Business Communication (2 crs)
Prerequisite: BCOM 206, 207 with C or better
Apply written, oral, and nonverbal communication skills for business purposes through a variety of technologies. Discuss emerging technologies and their effect on communication. Learn to manage information and engage in distance collaboration.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 317 Administrative Management (3 crs)
The role of the first-line supervisor in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BCOM 365 Executive Profile Development (2 crs)
Designed to develop personal and social finesse in students preparing for professional careers. Emphasis on self-image, professionalism, and social etiquette. Units relate to development of the student's job campaign.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing. Resident and total GPA 2.75.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

BCOM 405 Advanced Business Communications (2 crs)
Prerequisite: BCOM 206, 207 with C or better
An in-depth application of written, oral, and nonverbal communication. The class simulates a business organization involved with preparing, organizing, and delivering communication training seminars. Considerable emphasis on interpersonal and organizational communication within business.

Attributes: Undergraduate/Graduate Offering, Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 490 Internship in Business Communication (1-3 crs)
Prerequisite: BCOM 206, 207 with C or better; Minimum junior standing.
Consent: Department Consent Required
- Additional BCOM course work is recommended.
Students gain on-the-job experience in business communication in a supervised professional setting.
Attributes: LE-I1 Integration, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

BCOM 491 Selected Topics in Business Communication (1-3 crs)
Prerequisite: BCOM 206, 207 with C or better; Minimum junior standing.
Selected topics in business communication chosen because of a special interest on the part of students or faculty.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only
BCOM 495 Directed Studies (1-3 crs)
- Permission of department chair for each new topic.
Permits a student or group of students to pursue a defined problem in an intensive way under the direction of departmental faculty members.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
Grading Basis: No Auditors

BCOM 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing. Minimum resident and total GPA of 2.75.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

BCOM 506 Advanced Business Writing (2 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with BCOM 306. Credit may not be earned in both courses.
Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 507 Advanced Business Presentations (2 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with BCOM 307. Credit may not be earned in both courses.
Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 517 Administrative Management (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with BCOM 317. Credit may not be earned in both courses.
The role of the first-line supervisor in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BCOM 505 Advanced Business Communications (2 crs)
Prerequisite: Limited to MBA students.
Consent: Instructor Consent Required
- Cross-listed with BCOM 405. Credit may not be earned in both courses.
An in-depth application of written, oral, and nonverbal communication. The class simulates a business organization involved with preparing, organizing, and delivering communication training seminars. Considerable emphasis on interpersonal and organizational communication within business.
Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 517 Executive Management (3 crs)
Prerequisite: Limited to MBA students.
- Cross-listed with BCOM 317. Credit may not be earned in both courses.
The role of the executive in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BCOM 605 Teaching Business Communications - Secondary and Post-secondary Levels (2 crs)
Instruction for graduate students interested in teaching Business Communications at the secondary and post-secondary level. This course will involve mastery of business communications content and the teaching methodology appropriate for the subject area.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 695 Directed Studies (1-3 crs)
Prerequisite: Limited to MBA students.
Consent: Department Consent Required
- Cross-listed with BCOM 495. Permission of department chair for each new topic.
Permits a student or group of students to pursue a defined problem in an intensive way under the direction of departmental faculty members.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

BCOM 705 Teaching Business Communications - Secondary and Post-secondary Levels (2 crs)
Instruction for graduate students interested in teaching Business Communications at the secondary and post-secondary level. This course will involve mastery of business communications content and the teaching methodology appropriate for the subject area.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

BCOM 799 Thesis (1-4 crs)
- Full-time equivalent.
A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis
Chemistry (CHEM)

CHEM 100 Chemistry: Issues and Answers (3 crs)
Prerequisite: No credit if taken after CHEM 101, 103, 105, 106 or 115
• No credit toward chemistry major or minor.

An exploration into the world of atoms and molecules, designed to develop an understanding of the behavior of matter and how chemistry has both solved and created problems in our developing society.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CHEM 103 General Chemistry I (4 crs)
Prerequisite: MATH 20, or two years of college-preparatory algebra, or a suitable mathematics placement test score. High school chemistry completed. No credit if taken after or concurrently with CHEM 101 or CHEM 115.
Introduction to principles of chemistry, including atomic structure, periodic properties of elements, chemical bonding, molecular structure, physical properties of compounds, chemical reactions, and stoichiometry.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 104 General Chemistry II (4 crs)
Prerequisite: Grade of C or above in CHEM 101 or CHEM 103. No credit if taken after CHEM 115.
Continuation of Chemistry 103. Equilibrium, thermodynamic and kinetic aspects of chemical reactions; acid-base, precipitation and redox reactions; transition metal compounds; organic compounds; nuclear reactions.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 105 General Chemistry I Lecture (3 crs)
Prerequisite: MATH 20 or a suitable mathematics placement test score. High School chemistry completed. No credit if taken after CHEM 103 or CHEM 115.
• If taking both CHEM 105 and CHEM 106, concurrent enrollment strongly recommended.

Principles of chemistry, including chemical properties and the periodic table, atomic structure, chemical bonding, equilibria, thermodynamics, acid-base reactions, oxidation-reduction reactions and complexation reactions.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

CHEM 106 General Chemistry I Laboratory (2 crs)
Prerequisite: MATH 20 or a suitable math placement score. High School chemistry completed. CHEM 105 or concurrent enrollment. No credit after CHEM 103 or 115.
A general chemistry lab/discussion experience. Gases, reactions, stoichiometry, solution chemistry, thermochem. Data collection, management, and interpretation.

Attributes: LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CHEM 109 General Chemistry II with Lab (4 crs)
Prerequisite: Grade of C or above in both CHEM 105 and CHEM 106; or Grade of C or above in CHEM 103; No credit if taken after CHEM 104 or CHEM 115.
Solution properties and intermolecular forces; equilibrium, thermodynamic and kinetic aspects of chemical reactions; acid-base, precipitation, and redox reactions.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 115 Chemical Principles (6 crs)
Prerequisite: MATH 109, or 3 years of above-average work in college-prep MATH and a suitable math placement test score. Strong performance in at least one year of high school chemistry. No credit if taken after or concurrently with CHEM 103, 104, 106, 109.
• See Note 3 regarding strong performance in high school chemistry under "Information for All Students about General Chemistry Placement" on the Chemistry Department catalog overview page.

Principles of chemistry, including chemical properties and the periodic table, atomic structure, chemical bonding, equilibria, thermodynamics, acid-base reactions, oxidation-reduction reactions and complexation reactions.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

CHEM 121 Elementary Chemical Education (1 cr)
Prerequisite: CHEM 101 or CHEM 103. Limited to elementary education/science majors.
• No credit toward chemistry major or minor.

Elementary education majors will review chemical principles learned in Chemistry 101 or 103. They will then work on developing methods to teach those and related chemical principles to K-8 students.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
CHEM 127 Chemistry and Climate (3 crs)
• No credit toward chemistry major or minor.

An inquiry into the magnitude and causes of global climate change, and an introduction to the physical and chemical principles that drive the climate system. Assumes no prior experience with chemistry, physics, or earth science.

Attributes: GE IIB Natural Science-Chemistry, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture Hours: 2
Discussion Hours: 1

CHEM 150 Survey of Biochemistry (3 crs)
Prerequisite: Grade of C or above in CHEM 101, CHEM 103, CHEM 105 and 106, or CHEM 115. No credit if taken after CHEM 325 or CHEM 452.
• No credit toward chemistry major or minor.

Introductory organic chemistry along with a survey of the structure, chemical reactivity, and biological activity of molecules derived from living systems. Emphasis will be placed on tying the course content to a greater understanding of human health and disease.

Attributes: GE IIB Natural Science-Chemistry, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 161 Chemistry and Culture of Food and Cooking (3 crs)
• No credit toward chemistry major or minor.

This course will focus on the chemistry of food and cooking but will also examine historical and cultural aspects of food.

Attributes: GE IIB Natural Science-Chemistry, LE-I1 Integration, LE-K1 Natural Sciences, Special Course Fee Required
Lecture Hours: 3
Discussion Hours: 0

CHEM 191 Current Topics in Chemistry (1-3 crs)
• No credit toward chemistry major or minor. Not applicable toward laboratory course requirement for natural sciences for B.A. and B.S. degrees in the College of Arts and Sciences.

Chemistry topics of current interest investigated at a level suitable for first and second year undergraduates.

Attributes: GE IIB Natural Science-Chemistry

CHEM 213 Quantitative Analysis (4 crs)
Prerequisite: Grade of C or above in CHEM 104 or CHEM 109 or CHEM 115, or consent of instructor.

Theory, applications, and calculations involved in methods of chemical analysis.

Attributes: LE-53 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 6

CHEM 218 Introduction to Inorganic Chemistry (3 crs)
Prerequisite: CHEM 104 or CHEM 109 or CHEM 115

Introduction to inorganic compounds and reactions, with emphasis upon their applications in the environment, in commerce, and in life. Principles of molecular structure, acid-base and redox reactions, and coordination chemistry are applied.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 274 Chemical Industry Seminar (1 cr)
Prerequisite: CHEM 104 or CHEM 109 or CHEM 115 or concurrent registration

A series of lectures by faculty and industrial speakers introduce students to various chemical and related industries and to the career opportunities and occupational qualifications for careers in chemistry and related fields.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CHEM 296 Student Academic Apprenticeship in Chemistry (1-2 crs)
Prerequisite: Total GPA of 3.0 required.
Consent: Department Consent Required
• Grade of B (3.0) or above in the course in which the student will apprentice. No credit toward chemistry major.

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Students enhance their knowledge of chemistry and their ability to communicate that knowledge.

Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

CHEM 304 Environmental Chemistry (3 crs)
Prerequisite: CHEM 104 or CHEM 109 or CHEM 115

A study of the chemistry of the environment, including the atmosphere, natural waters, and soils. Students will refine chemical knowledge by examining specific problems related to environmental issues.

Attributes: GE IIB Natural Science-Chemistry, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 318 Bioinorganic Chemistry (3 crs)
Prerequisite: CHEM 218, CHEM 321, or CHEM 325.

This course will explore the biological chemistry of the transition metals, including metalloprotein structure and function, small-molecule synthetic modeling systems, metal ion trafficking in biological systems, bioorganometallic chemistry, and the uses of metals in medicine.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CHEM 325 Organic Chemistry I with Laboratory (4 crs)
Prerequisite: CHEM 104 or CHEM 109 or CHEM 115 with a grade of C or above.
No credit if taken after CHEM 321 or CHEM 322.
Introduces molecular structure and bonding, organic nomenclature, acid/base properties of organic compounds, stereochemistry, resonance, mechanisms, and synthetic reactions illustrating functional group interconversion. Microscale laboratory techniques for the preparation, isolation, purification, and characterization of organic compounds.
Attributes: GE IIB Natural Science-Chemistry, Lab Science, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 326 Organic Chemistry II with Laboratory (4 crs)
Prerequisite: CHEM 325 with a grade of C or above.
Provides a deeper analysis of organic synthesis and mechanisms, including substitution, elimination, aromatic, carbonyl and enolate chemistry. An emphasis on multistep synthesis and detailed mechanisms. The laboratory component involves advanced purification and synthetic techniques.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 352 Fundamentals of Biochemistry (4 crs)
Prerequisite: CHEM 326 or concurrent enrollment. Credit may not be earned in both CHEM 352 and CHEM 452.
**No more than six credits from a combination of CHEM 352 and CHEM 454 for chemistry majors, chemistry minors, or biochemistry/molecular biology majors.**
This course is designed for nonbiochemistry/molecular biology science majors who require a one semester course in biochemistry. The fundamental chemical, structural, and metabolic aspects of lipids, proteins, carbohydrates, and nucleic acids are covered.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CHEM 361 Molecules and Medicine (3 crs)
Prerequisite: CHEM 326 and BIOL 111.
The major classes of medicinally-active natural and synthetic drugs, their structure, design, origin, biosynthesis and mode of action will be presented. This course will also cover basic pharmacology and modern drug design principles.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 397 Chemical Literature and Communication (2 crs)
Prerequisite: Limited to chemistry majors.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CHEM 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual research projects under the direction of a faculty member.
Repeat: Course may be repeated

CHEM 401 Inorganic Chemistry (3 crs)
Prerequisite: CHEM 218 and CHEM 433 or concurrent registration.
Structure, bonding, and reactivity of inorganic compounds. Symmetry and group theory, vibrational analysis, and molecular orbital theory. Arrhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 406 Biophysical Chemistry (4 crs)
Prerequisite: CHEM 352 or CHEM 452; PHYS 212 or PHYS 232; MATH 111 or MATH 114. No credit if taken after CHEM 433 or CHEM 434. No more than four credits can be counted from a combination of CHEM 405, CHEM 406, and CHEM 433 toward any chemistry major or minor.
Consent: Instructor Consent Required
An introduction to the physical chemical approaches to studying biological macromolecules. Emphasis will be placed on thermodynamics, and the methods for determining and analyzing the structures and functions of biological macromolecules.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CHEM 411 Survey of Industrial Chemistry (3 crs)
Prerequisite: CHEM 218 and CHEM 326.
**Capstone experience for chemistry with business emphasis majors.**
Survey of manufacturing processes, applications, and economics of major inorganic and organic chemicals and polymers, including those involved in the production of plastics, fibers, elastomers, pesticides, pharmaceuticals, detergents, electronics, and pollution control technologies.
Attributes: Undergraduate/Graduate Offering, Capstone Course, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 420 Advanced Synthesis Laboratory (2 crs)
Prerequisite: CHEM 218 and CHEM 323 or CHEM 326. No credit if taken after CHEM 324.
An advanced, interdisciplinary laboratory experience with emphasis on the synthesis, purification, and spectroscopic characterization of inorganic and organic compounds.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
CHEM 426 Modern Organic Chemistry (3 crs)
Prerequisite: CHEM 326
Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 433 Physical Chemistry I (4 crs)
Prerequisite: CHEM 213, CHEM 218; MATH 215; PHYS 232 or concurrent enrollment. No more than four credits can be counted from a combination of CHEM 405, CHEM 406, and CHEM 433 toward any chemistry major or minor.
A quantitative study of the physical properties of matter emphasizing the macroscopic perspective. Topics include: gas behavior, chemical thermodynamics, phase equilibrium, mixtures and solutions, chemical equilibrium, electrochemistry, and chemical kinetics.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CHEM 434 Physical Chemistry II (4 crs)
Prerequisite: CHEM 433
Continuation of Chemistry 433. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CHEM 438 Physical Analysis Laboratory (2 crs)
Prerequisite: CHEM 434 or concurrent registration.
An advanced, project-oriented laboratory course in physical and analytical chemistry. Beyond reinforcing the fundamental concepts in these sub-fields, particular emphasis will be placed on technical writing, and the development of hands-on laboratory skills.
Attributes: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

CHEM 444 Modern Applied Separations and Spectrometry (3 crs)
Prerequisite: CHEM 213, CHEM 218, and CHEM 326 or concurrent enrollment.
Laboratory-centered instruction in the application of modern chromatography (GC and HPLC) spectrometry (MS, UV/Vis and FT-IR) to the analysis of real-world samples. Emphasis on preparation to BS-level careers in chemical industry.
Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 3

CHEM 452 Biochemistry I (3 crs)
Prerequisite: CHEM 323 or CHEM 326. No credit after CHEM 352.
Chemistry of important constituents of living matter. Topics include proteins, carbohydrates, lipids, and nucleic acids. Also included are bioenergetics and basic enzyme kinetics and mechanism.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 453 Biochemistry Laboratory (2 crs)
Prerequisite: CHEM 213; CHEM 452 or concurrent registration.
Consent: Instructor Consent Required
Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

CHEM 454 Biochemistry II (3 crs)
Prerequisite: CHEM 452
Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 460 Polymer Chemistry (3 crs)
Prerequisite: Grade of C or above in CHEM 326.
An introduction to synthetic and naturally occurring polymers with a focus on synthesis, analysis, and structure/property relationships. The history and development of polymers will be discussed as well as the impact on industry and society.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 491 Special Topics (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Instructor Consent Required
Lectures with possible laboratory work covering specific areas not normally discussed in regular classes, and of special interest to students or faculty. Possible topics include medicinal chemistry, wastewater chemistry and applied spectroscopy.
Attributes: Special Course Fee Required

CHEM 495 Directed Studies (1-3 crs)
Prerequisite: 15 credits in college CHEM courses.
Consent: Department Consent Required
Course projects will be structured to fit the needs, interests, and goals of the students.
Repeat: Course may be repeated
CHEM 497 Independent Study (ACS) (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
  • College of Arts and Sciences rules governing independent study apply.

Individual research projects under the direction of a faculty member. A comprehensive written report describing the work completed, including an appropriate bibliography, is required.
Repeat: Course may be repeated for a maximum of 6 credits

CHEM 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual research projects under the direction of a faculty member.
Repeat: Course may be repeated

CHEM 601 Inorganic Chemistry (3 crs)
Prerequisite: CHEM 218; and CHEM 433/CHEM 633 or concurrent registration.
  • Cross-listed with CHEM 401. Credit may not be earned in both courses.

Structure, bonding, and reactivity of inorganic compounds. Symmetry and group theory, vibrational analysis, and molecular orbital theory. Arrhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 611 Survey of Industrial Chemistry (3 crs)
Prerequisite: CHEM 218 and CHEM 326.
  • Cross-listed with CHEM 411. Credit may not be earned in both courses.

Survey of manufacturing processes, applications, and economics of major inorganic and organic chemicals and polymers, including those involved in the production of plastics, fibers, elastomers, pesticides, pharmaceuticals, detergents, electronics, and pollution control technologies.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 626 Modern Organic Chemistry (3 crs)
Prerequisite: CHEM 326
  • Cross-listed with CHEM 426. Credit may not be earned in both courses.

Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 633 Physical Chemistry I (4 crs)
Prerequisite: CHEM 213, CHEM 218, MATH 215; PHYS 232 or concurrent enrollment.
  • Cross-listed with CHEM 433. Credit may not be earned in both courses.

A quantitative study of the physical properties of matter emphasizing the macroscopic perspective. Topics include: gas behavior, chemical thermodynamics, phase equilibrium, mixtures and solutions, chemical equilibrium, electrochemistry, and chemical kinetics.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CHEM 634 Physical Chemistry II (4 crs)
Prerequisite: CHEM 433/CHEM 633
  • Cross-listed with CHEM 434. Credit may not be earned in both courses.

Continuation of Chemistry 433/633. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CHEM 638 Physical Analysis Laboratory (2 crs)
Prerequisite: CHEM 434/CHEM 634 or concurrent registration.
  • Cross-listed with CHEM 438. Credit may not be earned in both courses.

An advanced, project-oriented laboratory course in physical and analytical chemistry. Beyond reinforcing the fundamental concepts in these sub-fields, particular emphasis will be placed on technical writing, and the development of hands-on laboratory skills.
Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

CHEM 652 Biochemistry I (3 crs)
Prerequisite: CHEM 326 or CHEM 323. Credit may not earned in both CHEM 352 and CHEM 452/ CHEM 652.
  • Cross-listed with CHEM 452. Credit may not be earned in both courses.

Chemistry of important constituents of living matter. Topics include proteins, carbohydrates, lipids, and nucleic acids. Also included are bioenergetics and basic enzyme kinetics and mechanism.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CHEM 653 Biochemistry Laboratory (2 crs)
Prerequisite: CHEM 213; CHEM 452/CHEM 652 or concurrent registration.
Consent: Instructor Consent Required
- Cross-listed with CHEM 453. Credit may not be earned in both courses.
Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.
Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

CHEM 654 Biochemistry II (3 crs)
Prerequisite: CHEM 452/CHEM 652
- Cross-listed with CHEM 454. Credit may not be earned in both courses.
Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 660 Polymer Chemistry (3 crs)
Prerequisite: Grade of C or above in CHEM 326.
- Cross-listed with CHEM 460. Credit may not be earned in both courses.
An introduction to synthetic and naturally occurring polymers with a focus on synthesis, analysis, and structure/property relationships. The history and development of polymers will be discussed as well as the impact on industry and society.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 796 Directed Studies (1-3 crs)
Summer workshop for teachers.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

CHEM 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Chinese (CHIN)

CHIN 101 Beginning Chinese (4 crs)
Prerequisite: Placement Test Required
An introduction to the language and culture of China. Includes basic grammar with practical application to all language skills: listening, speaking, reading, writing.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

CHIN 102 Beginning Chinese (4 crs)
Prerequisite: CHIN 101 or suitable placement score on the Chinese Placement Exam.
Continuation of Chinese 101.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

CHIN 110 Intensive Beginning Chinese (Mandarin) (16 crs)
- Taught only at Jinan University, Guangzhou, China.
Emphasis on basic vocabulary, grammar, speaking, listening, and writing.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 16
Lab/Studio Hours: 6

CHIN 201 Intermediate Chinese (4 crs)
Prerequisite: CHIN 102 or suitable placement score on the Chinese Placement Exam.
Review of basic Chinese grammar and vocabulary; translation; conversation; writing; Chinese calligraphy.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

CHIN 202 Intermediate Chinese (4 crs)
Prerequisite: CHIN 201 or suitable placement score on the Chinese Placement Exam.
Continuation of Chinese 201.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1
CHIN 210 Intensive Intermediate Chinese (Mandarin) (16 crs)
Prerequisite: CHIN 110
  • Taught only at Jinan University, Guangzhou, China.

Development of fundamental skills in vocabulary, grammar, speaking, listening, and writing. Continuation of Chinese 110.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 16
Lab/Studio Hours: 6

Collaborative Nursing (CND)

CND 310 Bridge to Professional Nursing (2 crs)
Consent: Department Consent Required
  • Distance education fee for students in Marshfield section.

Introductory course for the BSN completion students with emphasis on self as a professional and the context of the discipline of professional nursing.

Attributes: BSN Completion Program, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CND 407 Foundations of Professional Nursing Practice (3 crs)
Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

Philosophical perspectives, theories, and standards are applied to the practice of professional nursing. Factors influencing nursing/health care delivery are analyzed. Professional communication skills are enhanced. This is a writing emphasis course.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CND 411 Chronic Care Management (3 crs)
Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

Exploration of interaction of biological, psychological, social, and environmental factors important to understanding management of chronic conditions at the individual, family, community, and societal levels.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CND 446 Research and Evidence-Based Practice (3 crs)
Prerequisite: MATH 246 with a grade of C or above or equivalent; Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

This course introduces the importance of research to improve clinical practice, strategies to evaluate the quality of research and evidence, and increase integration of research into practice.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CND 447 Leadership & Management (3 crs)
Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

Examines nursing leadership and management using relevant theories and concepts. Analyze decision-making in relation to communication, delegation, supervision and group process.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CND 453 Information Management and Healthcare Technology (3 crs)
Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

Utilize computer and information/decision science to support quality and safety in health care. Explores informatics issues and examine nursing’s role in healthcare technology. Opportunities to use and master various healthcare technologies and healthcare data.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CND 454 Community Health Nursing (3 crs)
Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Consent: Department Consent Required

Nursing care of populations and communities to facilitate optimal health outcomes.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CND 480 Nursing within Systems: Analysis and Application (4 crs)
Prerequisite: CND 310 and CND 407 both with a grade of C or above. Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.
Capstone course for BSN completion students. Focuses on provision of quality care within a global and culturally diverse society, leadership within interdisciplinary systems of care, and provision of care in public health or community settings.
Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course, Field Trip(s) Required, BSN Completion Program, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 6

CND 490 Special Topics (2-4 crs)
Consent: Department Consent Required
Variable content course designed to allow either breadth of study in topics not covered in core nursing courses or depth of investigation in particular nursing and health care issues. Interests of faculty provide topics.
Attributes: Cultural Diversity Variable, BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 12 credits

CND 495 Directed Studies (1-3 crs)
Prerequisite: Limited to BSN completion program students.
Consent: Department Consent Required
Repeat: Course may be repeated for a maximum of 6 credits

CND 499 Independent Study (1-3 crs)
Prerequisite: Limited to BSN completion students. Minimum resident and total GPA of 3.00. Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits

Communication & Journalism (CJ)

CJ 100 Introduction to Forensics (1 cr)
- May be taken once for credit and in combination with CJ 200 for total of four credits.
Basic preparation for participation in intercollegiate forensics. Exposure to the fundamentals of competitive forensics events; public address, limited prep, interpretation of literature. Required minimum travel to one intercollegiate tournament. Designed for limited competition.
Attributes: Activity, LE-S3 Creativity
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

CJ 105 Communication in Contemporary Society (3 crs)
Critical analysis of the roles of producers and consumers of messages in interpersonal, group, organizational, and mass communication. Emphasizes social, economic, and political implications of media convergence in a democratic and global society.
Attributes: GE IA Communication-Language Arts, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 111 Gender, Race, Class, and Communication: The Social Construction of Identity (3 crs)
- Credit may not be earned in both CJ 111 and WGSS 111.
Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.
Attributes: Cultural Diversity 1 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 184 Multimedia Communication (3 crs)
The course will introduce students to the various media, key concepts and practices used to deliver mediated messages, including print, photo, audio, video and web technologies.
Attributes: LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 201 Introduction to Interpersonal Communication (3 crs)
Emphasizes knowledge of the factors and processes affecting communication in relatively unstructured face-to-face contexts, and the development of communication skill in those contexts. Topics include relationships, conflict, self-concept, and self-presentation.
Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 202 Fundamentals of Speech (3 crs)
Prerequisite: No credit if taken after CJ 204. No credit toward major or minor in Journalism, Integrated Strategic Communication or Communication: Organizational Communication emphasis if taken after CJ 203.
Fundamentals of effective public speaking from both speaker and listener perspectives. Preparation, presentation, and evaluation of student speeches. Special attention given to topics related to cultural diversity.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CJ 203 Fundamentals of Human Communication (3 crs)
• No credit toward Communication Studies major. No credit toward Journalism major or minor, Integrated Strategic Communication major or minor, Organizational Communication major or minor or Communication Studies minor if taken after CJ 202.

Communication competence enhanced through introduction to human communication knowledge and relational, group, and public speaking skills. Addresses benefits of communication skills in students' professional, civic, and personal lives.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 205 Listening (3 crs)
Prerequisite: Completion of University Writing Requirement.
Analysis of the nature, process, barriers to, and improvement of listening skills. Frequent testing and measuring of students' listening skills will occur. Listener and message variables as related to comprehension are discussed.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 206 Human Communication Theory (3 crs)
Theoretical genres for the study, analysis, and practice of effective communication. General theories of human communication, contextual theories of interpersonal, group, organizational, public, and mass communication.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 207 Introduction to Rhetoric and Society (3 crs)
A survey of the role of persuasive messages in society, with attention to classical foundations and a focus on tools for thinking critically about contemporary communication.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 222 Beginning Journalism (3 crs)
Prerequisite: Completion of University Writing Requirement. Grade of C or above CJ 184.

Introduction to news writing, reporting and editing across media platforms. Emphasis on the foundational principles, practices and purpose of journalism. Accuracy, verification, deadlines, information-gathering, news judgment, balanced and independent reporting are stressed. Selected news coverage of community required.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 241 Audio and Video Production Process (3 crs)
Prerequisite: Completion of University Writing Requirement.
Strategies for communicating messages and ideas via the radio and television media; introduction to basic radio and television production equipment, techniques, and vocabulary.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 250 Introduction to Organizational Communication (3 crs)
Communication theories, concepts, skills, and insights required of organizational newcomers are emphasized.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 260 Introduction to Integrated Strategic Communication (3 crs)
Prerequisite: Grade of C or above in CJ 184. Completion of University Writing Requirement. Minimum sophomore standing. Introduces students to how organizations use strategic communications to build reputation and manage their brand. Emphasizes multimedia.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

CJ 272 Social Media and Communication (3 crs)
Examination and application of strategic use of social media in interpersonal, professional and global contexts.

Attributes: LE-I1 Integration, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 273 Creative and Narrative Nonfiction (3 crs)
• Credit may not be earned in both CJ 273 and ENGL 273.
Survey of nonfiction works (reportage, autobiography, travel, and nature writing) which combines factual reporting with literary techniques to reveal American society.

Attributes: LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 280 Visual Communication (3 crs)
A survey of visual messages in a variety of media. Emphasis on evaluating the internal qualities of visual communication—shape, type, color—and external qualities such as history and culture.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CJ 284 Introduction to Photography (3 crs)
- Audit by permission of instructor only.

A beginning course in working with camera capture and output using current software and hardware digital technologies. Color theory and historical perspective included. The course will emphasize producing a portfolio of photojournalistic work.

Attributes: LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 300 Research Methods (3 crs)
Prerequisite: Completion of 45 credits; Grades of C or above in one of the following: CJ 206, CJ 222, CJ 250, CJ 260, CJ 265, or CJ 270. Limited to communication, journalism and integrated strategic communication majors and minors.

Study of research methods, quantitative and qualitative measurement techniques, and data analysis methods common to the fields of communication and mass communication. Emphasis on basic information-gathering and research skills needed to design, conduct and critically consume research.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

CJ 301 Intercultural Communication (3 crs)
Prerequisite: Minimum sophomore standing.

Develops an awareness, appreciation, and understanding of the complexity of communicating across different cultures. Analysis and application of appropriate principles and theories.

Attributes: Cultural Diversity 2 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 306 Topics in Advanced Interpersonal Communication (3 crs)
Prerequisite: Minimum sophomore standing

In-depth exploration of interpersonal theory, research, and concepts. Topics may include conflict and communication, family communication, and others.

Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 307 Small Group Communication (3 crs)
Prerequisite: Minimum sophomore standing.

Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.

Attributes: GE IA Communication-Language Arts, LE-R3 Civic and Environmental Issues, LE-S1 Written and Oral Communication, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 310 Communication Analysis (3 crs)
Prerequisite: Minimum junior standing.

A study of the methods for analysis of messages and their application to examples of contemporary communication.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 311 Mass Media History (3 crs)
Prerequisite: Minimum sophomore standing.

Highlights the origins, growth, and evolution of America’s mass media from their early Western European background to the diversity of the modern day.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 312 Communication and Gender (3 crs)
Prerequisite: Minimum sophomore standing.

Study and analysis of how gender is affected by and affects communication behavior. Special attention is given to theories of gender development and how communication affects the social construction of gender.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 314 Mass Media and Popular Culture (3 crs)
Prerequisite: Minimum sophomore standing.

Popular culture is the result of human communicative activity, primarily via the mass media. This course is an examination of the relationships between mass media, popular culture, and society.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 317 Diversity & Communication: Organizational & Media Contexts (3 crs)
Prerequisite: Minimum sophomore standing.

- Credit may not be earned in both CJ 317 and WGSS 317.

Reading, writing, and discussion about how gender, race, class, sexual orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Attributes/Repeat/Lecture/Discussion/Lab/Studio Hours</th>
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</thead>
<tbody>
<tr>
<td>CJ 318</td>
<td>Topics in Communication and Social Advocacy</td>
<td>3</td>
<td>Minimum sophomore standing. Theory and methods for examining social advocacy communication. Civic, social, or environmental topics related to social movements and nonprofits.</td>
<td>GE IA Communication-Language Arts</td>
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<td>CJ 319</td>
<td>International Communication</td>
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<td>CJ 321</td>
<td>Intermediate Journalism</td>
<td>3</td>
<td>Grades of C or above in CJ 184 and CJ 222. Study and practice of news reporting, writing and editing with a broadcast emphasis. Special attention given to producing television news packages and weekly television newscast cablecast live on public access channel and posted on multimedia digital news site.</td>
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<td>CJ 322</td>
<td>Immersion Journalism</td>
<td>3</td>
<td>CJ 321 or CJ 373 or consent of instructor. Limited to communication, journalism, and integrated strategic communication majors and minors. Immersion reporting. Multimedia journalism documenting social issues in underrepresented communities. Topic and location vary.</td>
<td>Field Trip(s) Required</td>
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<td>CJ 350</td>
<td>Human Resource Development</td>
<td>3</td>
<td>Grades of C or above in CJ 300 and CJ 307, or grades of C or above in MATH 246 and MGMT 340. Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.</td>
<td>Undergraduate/Graduate Offering</td>
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<td>CJ 351</td>
<td>Strategic Event Planning</td>
<td>3</td>
<td>Grades of C or above in CJ 250 or CJ 260 or CJ 265 or CJ 270, or consent of instructor. Minimum junior standing. Theory and practice of using events to advance impressions of organizations. Focus on the role of effective communication in assessing needs, and designing, delivering and evaluating events. Students will plan and execute an event.</td>
<td>Service-Learning, Half 15 Hours, Undergraduate/Graduate Offering, Field Trip(s) Required</td>
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<td>CJ 355</td>
<td>Advanced Organizational Communication: Strategic Message Design</td>
<td>3</td>
<td>Grades of C or above in CJ 202 or CJ 203 or CJ 250, or consent of instructor. Minimum junior standing. Analysis and design of messages for use in a variety of organizational contexts. Emphasis on key role of messages in organizations, analysis of organizational needs, and creation of messages to address them.</td>
<td>Undergraduate/Graduate Offering</td>
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<td>CJ 357</td>
<td>Professional Communication</td>
<td>3</td>
<td>Grade of C or above in CJ 202 or CJ 203. Minimum junior standing. Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.</td>
<td>Undergraduate/Graduate Offering</td>
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<td>CJ 362</td>
<td>Strategic Media Planning</td>
<td>3</td>
<td>Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Limited to communication, journalism, and integrated strategic communication majors and minors. Understanding the basic principles, objectives, and research data by which media plans are devised and strategically implemented.</td>
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<td>CJ 365</td>
<td>Advertising Message Strategy</td>
<td>3</td>
<td>Grades of C or above in CJ 184, CJ 260 or CJ 265, and CJ 300. Limited to communication, journalism, and integrated strategic communications majors and minors. Principles and practice of advertising message development using writing and design skills. Emphasis on portfolio development, strategic planning, concept formation, and idea presentation.</td>
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CJ 370 Magazine Editing and Design (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50. Minimum junior standing.
Study of editorial, business, and administrative procedures for general and special interest magazines. Production of prospectus and an original online magazine.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 373 Writing for Integrated Strategic Communication (3 crs)
Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Completion of University Writing Requirement. Limited to communication, journalism, and integrated strategic communication majors and minors. Minimum sophomore standing. Instruction and practice designed to develop techniques of creative and persuasive message preparation for integrated strategic communication. Extensive practice in professional writing for print, electronic, Internet/social media vehicles in the disciplines of advertising, public relations, sales promotion and direct marketing.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 374 Integrated Strategic Communication (ISC) Campaign Design and Evaluation (3 crs)
Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Research and planning to develop Integrated Strategic Communication (ISC) campaigns. Topics include formative research, data analysis, account planning, message design, and evaluation.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 380 Visual Communication Design (3 crs)
Prerequisite: Grade of C or above in CJ 184. A study of graphic details. Course activities emphasize problem-solving to meet the unique needs of visual projects and developing a portfolio.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 384 Studio Lighting (3 crs)
Prerequisite: Grade of B or above in CJ 284 or ART 281. Minimum sophomore standing.
* Audit by permission of instructor only.
Fundamentals of lighting in a controlled studio environment with an emphasis on portraiture photography and product shots for advertising.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 397 Student Academic Apprenticeship (1-3 crs)
Prerequisite: Twelve or more credits in CJ, with grade of B or above in the course in which the student will be apprenticed. Minimum junior standing. Minimum resident and total GPA of 2.80. Consent: Department Consent Required. Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses.
Repeat: Course may be repeated for a maximum of 6 credits

CJ 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing. Consent: Department Consent Required. Individual project under the direction of a faculty member.
Repeat: Course may be repeated

CJ 405 Communication and Conflict (3 crs)
Prerequisite: Grade of C or above in CJ 201, or consent of instructor; Grade of C or above in CJ 300 or concurrent enrollment. Analysis of the nature and development of conflict from a communication perspective. Focus on how researchers conceive of conflict theories, types and causes of conflict, and skills for effective conflict management from confrontation through reconciliation.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 406 Persuasion (3 crs)
Prerequisite: Grade of C or above in CJ 202 or CJ 203. Minimum junior standing. Theoretical perspectives for the study, analysis, and design of persuasive communication. Emphasis on ethical, logical, and psychological bases of persuasion.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 407 Leadership Communication (3 crs)
Prerequisite: Minimum junior standing. Theories, concepts, and skills for effective leadership communication. Focuses on leader traits, behaviors, influence, values, and ethics; on follower characteristics and needs; on situational variables; and on the influence of gender and diversity on leadership dynamics.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CJ 413 Media Law and Ethics (3 crs)
Prerequisite: Minimum junior standing.
• Credit may not be earned in both CJ 412 and CJ 413.

Studies of First Amendment principles, communication law and ethical theories as they apply to journalism, public relations, advertising and entertainment media.

Attributes: GE IA Communication-Language Arts, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 425 Advanced Visual Journalism (3 crs)
Prerequisite: Grades of C or above in CJ 303 and CJ 321.
• Students must have access to a 35mm DSLR camera.

An advanced course that explores effective visual journalism for a variety of publications, including newspaper, magazine and web.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 426 Advanced Broadcast TV News (3 crs)
Prerequisite: Grades of C or above in CJ 184, CJ 303, CJ 321. Limited to journalism majors and minors. Minimum resident and total GPA of 2.50. Advanced instruction in television news. Includes reporting, writing, shooting TV news stories as well as production of weekly television newscasts.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

CJ 427 Advanced Reporting and Editing (3 crs)
Prerequisite: Grades of C or above in CJ 300 or CJ 303 and CJ 321. Study and use of advanced reporting and editing techniques required to produce news across media platforms with an emphasis on managing news online.

Attributes: Service-Learning, Full 30 Hours
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 429 Digital Newsroom (3 crs)
Prerequisite: Grades of C or above in CJ 184, CJ 222, CJ 300 or 303 and CJ 321. Grade of C- or above in CJ 425 or CJ 426 or CJ 427. Completion of or concurrent enrollment in CJ 412 and CJ 414 or CJ 413.
• Optional field trips. Capstone course for journalism major.

Course assesses student's mastery of the journalism major. Students manage the department's digital newsroom, produce and edit journalism across media platforms.

Attributes: LE-I1 Integration, LE-S3 Creativity, Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 452 Health Communication (3 crs)
Prerequisite: Minimum junior standing.
Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 459 Communication Research Seminar (3 crs)
Prerequisite: Grades of C or above in CJ 300 and at least 24 credits in CJ courses. Limited to communication majors (organizational or communication studies emphases). Minimum senior standing.
• Capstone course for organizational communication and communication studies majors.

Discussion of current research issues in interpersonal, group, intercultural, organizational, and public communication. Students will conduct empirical research projects culminating in both written and oral reports.

Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning Optional, Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 460 Advertising Account Management (3 crs)
Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Limited to integrated strategic communication majors and minors. This course is a detailed study of the account management function and its role in the modern advertising agency. Entry-level skills are taught as well as Integrated Marketing Communications (IMC) planning. The final-project portfolios test and demonstrate students' knowledge and skills.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 464 Advertising in Contemporary Society (3 crs)
Prerequisite: Minimum junior standing
Course examines advertising's impact on society, focusing on advertising and social, legal, economic, ethical, diversity, and global issues.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 470 Crisis Communication (3 crs)
Prerequisite: Grade of C or above in CJ 260 or CJ 265 or CJ 270 or CJ 300. Minimum junior standing.
Theory and analysis of the use of public relations campaigns to address crisis situations. Emphasis on the use of public relations campaigns to shape public opinion during crisis.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CJ 477 Professional Practicum in Strategic Communication (3 crs)
Prerequisite: CJ 300. Any major or minor in Communication & Journalism Department.
Students gain hands-on experience working with real-world clients to plan, produce and publish content and build their professional portfolio.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 479 Integrated Strategic Communication Management (3 crs)
Prerequisite: Grades of C or above in CJ 373 and CJ 374; or C or above in two of CJ 362, 365, 374, 380 or CJ 460. Limited to integrated strategic communication majors.
- Capstone experience for integrated strategic communication majors.
Application of Integrated Strategic Communication to a case. Emphasis on planning, message analysis, and multimedia production. Practicum.
Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course
Lab/Studio Hours: 0
Practicum Hours: 3

CJ 490 Seminar (1-3 crs)
Prerequisite: Minimum resident and total GPA of 2.50. Minimum junior standing.
- See current Class Schedule for topic, prerequisites, and restrictions.
Topic and content to be determined by Communication and Journalism faculty based upon student interest and need.
Repeat: Course may be repeated

CJ 491 Special Topics (1-3 crs)
- See current Class Schedule for topic, prerequisites, and restrictions.
Topic and content to be determined by Communication and Journalism faculty based upon student interest and need.
Repeat: Course may be repeated for a maximum of 9 credits

CJ 492 Analyzing and Improving Organizational Communication (3 crs)
Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.
- No credit for major or minor in communication, mass communication or journalism.
Emphasis on assessing organizational communication needs, and designing, implementing and evaluating strategies to address them. Focus on enhancing messages for external audiences as well as training and development, supervision and changes messages for internal audiences.
Attributes: Service-Learning, Full 30 Hours, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 495 Directed Studies (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Study of special topics structured to fit the needs, interests, and goals of the students.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits

CJ 497 Advanced Student Academic Apprenticeship (1-3 crs)
Prerequisite: 24 credits and 3.00 GPA in CJ courses; B or above in CJ 397 and in the course in which the student will be apprenticed. Minimum senior standing. Minimum resident and total GPA of 3.00.
Consent: Department Consent Required
- No more than three credits of CJ 397 and CJ 497 can be counted toward the major.
Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses.
Repeat: Course may be repeated for a maximum of 6 credits

CJ 498 Internship (1-3 crs)
Prerequisite: Grades of C or above in qualifying courses within a communication, journalism, or mass communication sequence; prior approval of adviser, internship coordinator, and department chair. Minimum resident and total GPA of 2.75. Minimum junior standing.
Consent: Department Consent Required
Application of classroom knowledge and skills in supervised professional activities relevant to the student's area of emphasis or mass media sequence, at an internship site approved in advance by the Department of Communication and Journalism.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 3 credits

CJ 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

CJ 507 Small Group Communication (3 crs)
- Cross-listed with CJ 307. Credit may not be earned in both courses.
Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CJ 510 Communication Analysis (3 crs)
- Cross-listed with CJ 310. Credit may not be earned in both courses.

A study of the methods for analysis of messages and their application to examples of contemporary communication.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 518 Topics in Communication and Social Advocacy (3 crs)
Prerequisite: CJ 307 or consent of instructor

Theory and methods for examining social advocacy communication. Civic, social, or environmental topics related to social movements and nonprofits.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 550 Human Resource Development (3 crs)
Prerequisite: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in BSAD 380 and MGMT 340.
- Cross-listed with CJ 350. Credit may not be earned in both courses.

Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 551 Strategic Event Planning (3 crs)
Prerequisite: Grades of C or above in CJ 250 or CJ 260 or CJ 265 or CJ 270, or consent of instructor.
- Cross-listed with CJ 351. Credit may not be earned in both courses.

Theory and practice of using events to advance impressions of organizations. Focus on the role of effective communication in assessing needs, and designing, delivering and evaluating events. Students will plan and execute an event.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 555 Advanced Organizational Communication: Strategic Message Design (3 crs)
Prerequisite: Grades of C or above in CJ 202 or CJ 203 and CJ 250, or consent of instructor.
- Cross-listed with CJ 355. Credit may not be earned in both courses.

Analysis and design of messages for use in a variety of organizational contexts. Emphasis on key role of messages in organizations, analysis of organizational needs, and creation of messages to address them.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 557 Professional Communication (3 crs)
Prerequisite: Grade of C or above in CJ 202 or CJ 203
- Cross-listed with CJ 357. Credit may not be earned in both courses.

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 607 Leadership Communication (3 crs)
- Cross-listed with CJ 407. Credit may not be earned in both courses.

Theories, concepts, and skills for effective leadership communication. Focuses on leader traits, behaviors, influence, values, and ethics; on follower characteristics and needs; on situational variables; and on the influence of gender and diversity on leadership dynamics.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 652 Health Communication (3 crs)
- Cross-listed with CJ 452. Credit may not be earned in both courses.

Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 695 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with CJ 495.

Study of special topics structured to fit the needs, interests, and goals of the students.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
**CJ 700 Communicating to Lead in Health Organizations (3 crs)**

Consent: Department Consent Required

Focus on communication and leadership in health organizations, and on audiences, processes, and use of communication in organizational alignment. Emphasis on theory and practice.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CJ 707 Group/Team Communication Healthcare Contexts (3 crs)**

Prerequisite: CJ 700 or concurrent enrollment.

This course is intended to support student efforts to hone abilities to use group and team communication effectively to collaborate in inter-professional healthcare contexts.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CJ 714 Communication and Health Policy (3 crs)**

Prerequisite: CJ 700 or concurrent enrollment.

Overview of structure and function of the U.S. healthcare system and in-depth analysis of current health policy topics from communication perspective.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CJ 752 Leading Organizational Change (3 crs)**

Prerequisite: CJ 700 or concurrent enrollment.

Theories and processes of organizational change are investigated. Focuses on strategically communicating/leading change in health care contexts.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CJ 774 Health Campaigns and Population Health (3 crs)**

Prerequisite: CJ 700 or concurrent enrollment.

Course helps students understand how to engage with community partners to create/implement successful health campaigns for healthier communities.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**Communication Sciences and Disorders (CSD)**

**CSD 101 American Sign Language I (3 crs)**

Introduction to American Sign Language (ASL), a visual/gestural language used by the deaf community. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 102 American Sign Language II (3 crs)**

Prerequisite: CSD 101 with a grade of C or better

A continuation of American Sign Language I. Introduces students to new functions that expand their conversational range from talking about themselves to talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 103 American Sign Language III (3 crs)**

Prerequisite: CSD 102 with a grade of C or better

A continuation of American Sign Language II. Further expansion of students’ conversational range for talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 104 American Sign Language IV (3 crs)**

Prerequisite: CSD 103

This course continues the study of American Sign Language with more complex grammar, dialogue, and narrative including both receptive and expressive skills. Aspects of semantics, linguistics, and culture are also introduced.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 150 Introduction to Communication Sciences and Disorders (3 crs)**

Survey of basic human communication sciences and disorders, plus related professions. Development and characteristics of normal communication behavior; nature, causes, signs, symptoms, and interventions for communication disorders of speech, hearing, and language.

Attributes: GE V University Wide, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 201 American Sign Language IV (3 crs)**

Prerequisite: CSD 103 with a grade of C or better

This course continues the study of American Sign Language with more complex grammar, dialogue, and narrative including both receptive and expressive skills. Aspects of semantics, linguistics, and culture are also introduced.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**CSD 202 American Sign Language V (3 crs)**

Prerequisite: CSD 201

American Sign Language V concludes the ASL language series with expanded sign language production and complex ASL grammatical features. Communicative functions in Deaf culture, e.g., appropriate cultural behaviors and strategies for conversation management, are stressed.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
### CSD 210 Cultural Perspectives of the Deaf (3 crs)
Introduction to the American Deaf Culture and Deaf community as linguistic/cultural minority. Topics include historical influences and impacts on Deaf community through political activism, laws, information access, educational philosophies, and communication systems. Course not conducted in ASL. No prior ASL experience required.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### CSD 235 Undergraduate Research in Communication Sciences and Disorders (2 crs)
Prerequisite: Completion of University Writing Requirement. Limited to Communication Science and Disorders (CSD) majors.
This course explores the scientific method as it applies to social science research. Topics include ethics, evidence-based practice, literature searches, developing hypotheses and research questions, and research designs. Students will also be summarizing and evaluating research in the field of Communication Disorders.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

### CSD 256 Anatomy and Physiology of Speech and Hearing (4 crs)
Prerequisite: Minimum sophomore standing.
Anatomy and physiology of the speech mechanism (respiration, phonation, resonance, articulation) and of hearing, including the related neurology.

Attributes: Special Course Fee Required Varies by Term/Section  
Lecture/Discussion Hours: 4  
Lab/Studio Hours: 0

### CSD 257 Normal Communication Development (3 crs)
Prerequisite: Minimum of 12 earned prior credits.
Theoretical foundation for normal communication development, including prerequisites, extra-linguistic variables, processes/constraints, and the major language system components. Language variables presented by select populations and a profile perspective are presented.

Attributes: Special Course Fee Required Varies by Term/Section  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### CSD 262 Phonetics: Theory and Application (2 crs)
Prerequisite: Minimum of 12 earned prior credits.
Study of the phonological system of language. Emphasis on phonemic and phonetic analysis and transcription of standard, nonstandard, and deviant speech.

Attributes: Special Course Fee Required Varies by Term/Section  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 2

### CSD 301 American Sign Language Semantics (3 crs)
Prerequisite: CSD 201 with a grade of C or better  
This course analyzes ASL through the lens of Semantics with a primary focus on informal, colloquial sign. Course content will explore how meaning is created in ASL communication, the process of ASL interpretation, and how to improve expressive abilities in ASL. All content and communication are conducted using ASL.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### CSD 302 American Sign Language Linguistics (3 crs)
Prerequisite: CSD 201 with a grade of C or better  
Introduction to linguistic concepts and terminology, including syntax and grammatical rules beyond basic ASL. Topics include sociolinguistics, ASL variation, bilingualism and language context. Relevant for students seeking interpreter certification in future. All content and communication conducted using ASL.

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### CSD 311 Language Development and Disorders: Related Disciplines (3 crs)
Prerequisite: SPED 205  
• No credit for communication sciences and disorders majors.
Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

Attributes: Undergraduate/Graduate Offering  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### CSD 321 Aural Rehabilitation (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50. Limited to admitted CSD majors.  
• CSD 373 is recommended prior to enrollment in this course.
Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0
CSD 326 Voice and Resonance Disorders (3 crs)
Prerequisite: CSD 256 and CSD 353. Minimum resident and total GPA of 2.50. Limited to admitted CSD majors.
Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 331 Child Language Disorders (4 crs)
Prerequisite: CSD 257. Limited to admitted CSD majors.
Characteristics of language disorders in children from birth through adolescence as well as assessment and intervention strategies appropriate for that population.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CSD 352 Fluency Disorders (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50. Limited to admitted CSD majors.
The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 353 Speech and Hearing Science (3 crs)
Prerequisite: No credit if taken after CDIS 253. Minimum sophomore standing.
This course will introduce students to basic acoustics, psychoacoustics, and acoustics of voice and speech production. Lecture, discussion and labs will be used in instruction.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

CSD 358 Phonological Disorders (3 crs)
Prerequisite: CSD 257 and CSD 262. Minimum resident and total GPA of 2.50. Limited to admitted CSD majors.
This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 370 Clinical Procedures in Communication Disorders (3 crs)
Prerequisite: CSD 331 or CSD 358. Minimum GPA of 3.00. Minimum CSD GPA of 3.50.
Consent: Department Consent Required
Basic information and skills necessary for functioning in clinical situations. Topics include: preparation of goals and objectives, report writing, counseling, clinical equipment and materials, professional organizations and behavior, and observation. Twenty-five clinical observation hours accrued.
Attributes: Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 373 Basic Audiology (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50. Limited to admitted CSD majors.
• CSD 256 and CSD 353 are recommended prior to enrollment in this course.
Introduction to audiology, including anatomy and physiology, pathologies of hearing, basic evaluation, differential evaluation, physiological procedures, nonorganic hearing loss, pediatric evaluation, hearing conservation, and rehabilitation. Emphasis upon pure tone thresholds, speech audiometry, and masking.
Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 378 Introduction to Sign Language (3 crs)
• Open to all undergraduate students.
An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

CSD 410 Communication Changes and Disorders of the Older Adult (3 crs)
Prerequisite: Minimum junior standing. 
- Open to all undergraduate students.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

Attributes: GE V University Wide, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 411 Facilitating Communication in Preschool Children (2 crs)
Prerequisite: CSD 257 or equivalent course is required prior to enrollment in this course. 
- Open to all undergraduate students.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 415 Instructional Internship in Communication Disorders (1-3 crs)
Prerequisite: 3.00 GPA or higher in CSD coursework. Limited to CSD majors. Consent: Department Consent Required
Selected student develops professional skills by providing assistance to faculty member, enhancing teaching and learning of students in a course. Plan based on student-faculty contract. Three hours of participation per week per credit.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits

CSD 419 Assistive Technology and Augmentative and Alternative Communication (2 crs)
Prerequisite: CSD 257 or CSD 311/CSD 511.
Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 440 Neurological Aspects of Communication & Cognition (2 crs)
Prerequisite: CSD 256. Minimum 2.50 resident and total GPA. Minimum senior standing
Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 448 Aphasia and Related Disorders (2 crs)
Prerequisite: CSD 440/CSD 640
Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 470 Clinical Practicum in Communication Disorders I (2 crs)
Prerequisite: CSD 370; and CSD 331 or CSD 358. Minimum CSD GPA of 3.50. Minimum resident and total GPA of 3.00. Consent: Department Consent Required
Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 485 Serving Diverse Populations (2 crs)
This course will heighten students’ awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Attributes: Cultural Diversity 2 cr., Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 495 Directed Studies (1-3 crs)
Consent: Department Consent Required
Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Varies by Term/Section
Repeat: Course may be repeated

CSD 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
CSD 511 Language Development and Disorders: Related Disciplines (3 crs)
- Cross-listed with CSD 311. Credit may not be earned in both courses. No credit for communication sciences and disorders majors.

Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 521 Aural Rehabilitation (3 crs)
Prerequisite: No credit if taken after CDIS 376/CDIS 576.
- Cross-listed with CSD 321. Credit may not be earned in both courses. No credit if taken after CDIS 376/CDIS 576. CSD 373 or a basic audiology course is recommended prior to enrollment in this course.

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 526 Voice and Resonance Disorders (3 crs)
- Cross-listed with CSD 326. Credit may not be earned in both courses. CSD 256 and CSD 353 or equivalent courses are required prior to enrollment in this course.

Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 552 Fluency Disorders (3 crs)
- Cross-listed with CSD 352. Credit may not be earned in both courses.

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 558 Phonological Disorders (3 crs)
- Cross-listed with CSD 358. Credit may not be earned in both courses. CSD 257 and CSD 262 or equivalent courses are required prior to enrollment in this course.

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 578 Introduction to Sign Language (3 crs)
- Open to all students. Cross-listed with CSD 378. Credit may not be earned in both courses.

An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 610 Communication Changes and Disorders of the Older Adult (3 crs)
- Open to all students. Cross-listed with CSD 410. Credit may not be earned in both courses.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 611 Facilitating Communication in Preschool Children (2 crs)
Prerequisite: CSD 257 or equivalent course is required prior to enrollment in this course.
- Cross-listed with CSD 411. Credit may not be earned in both courses.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
CSD 619 Assistive Technology and Augmentative and Alternative Communication (2 crs)
- Cross-listed with CSD 419. Credit may not be earned in both courses. CSD 257 or CSD 311/CSD 511 or equivalent course is required prior to enrollment in this course. No credit for communication sciences and disorders comprehensive majors.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 640 Neurological Aspects of Communication & Cognition (2 crs)
- Cross-listed with CSD 440. Credit may not be earned in both courses. CSD 256 or equivalent course is required prior to enrollment in this course.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 648 Aphasia and Related Disorders (2 crs)
- Cross-listed with CSD 448. Credit may not be earned in both courses. CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 670 Clinical Practicum in Communication Disorders I (2 crs)
Prerequisite: CSD 370 and CSD 331 or CSD 358.
Consent: Department Consent Required
- Cross-listed with CSD 470.

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 685 Serving Diverse Populations (2 crs)
Prerequisite: CSD 370 or concurrent enrollment
- Cross-listed with CSD 485. Credit may not be earned in both courses. CSD 370 or equivalent course is required prior to enrollment in this course.

This course will heighten students’ awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 695 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with CSD 495.

Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 706 Language Assessment (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Assessment of language disorders: differences and delay addressed through representative case studies, contributing and perpetuating factors, test selection, test biases, hypothesis formulation, data interpretation, legal guidelines, and information dissemination explored.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 710 Clinical Methods in Communication Sciences and Disorders (3 crs)
Prerequisite: Limited to CSD online graduate students.
- Criminal background check and one week of face-to-face, in person, clinical lab required.

Learn and practice clinical methods in communication sciences and disorders including: technology for diagnostics and treatment, compliance and reflection activities, operating within a medical setting, and collaborating across the discipline.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1
CSD 715 Research in Communication Sciences and Disorders (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
Application of information about research procedures to the profession of communication disorders. Preparation of students to function as consumers and producers of research.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 716 Essential Applications for Graduate Studies in Communication Sciences and Disorders (1 cr)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
Learn about and participate in activities associated with critical applications related to the field of communication sciences and disorders including: technology, principles of measurement, ASHA Code of Ethics, and professionalism/clinical disposition.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

CSD 721 Seminar: Childhood Apraxia of Speech (1 cr)
Prerequisite: CSD 358 or equivalent course. No credit if taken after CSD 732.
Limited to CSD ONLINE program graduate students.
Addresses characteristics, assessment, intervention and issues related to childhood apraxia of speech.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 1

CSD 722 Seminar: Accent Addition (1 cr)
Prerequisite: CSD 262, CSD 331, and CSD 358 or equivalent courses. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.
Addresses characteristics, assessment, intervention and issues related to accent modification/addition with non-native English speakers.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 1

CSD 725 Counseling in Communication Disorders (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
Knowledge, skills, and attitudes important for speech-language pathologists in counseling individuals with communication disorders and their families.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 726 Organic Voice and Speech Disorders (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

• CSD 326/CSD 526 or equivalent course is required prior to enrollment in this course.
Assessment and treatment of organic voice disorders; speech/voice rehabilitation after head and neck cancer; and nature, assessment, and treatment of craniofacial anomalies. Various syndromes with associated speech/voice disorders are covered.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 729 Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

• CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.
The assessment, intervention, and management of individuals across the lifespan who require multi-modal communication systems.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 730 Seminar: Language Theories (2 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
Major language and cognitive theories are examined as explanations of language acquisition and language use as well as clinical applications.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
</table>
| **CSD 731 Seminar: Child/Adolescent Language Intervention (3 crs)**          | 3       | Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.  
  - CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.  
  Focuses on intervention strategies, service delivery models, and current issues in providing services for children and adolescents with developmental language disorders, including autism spectrum disorder.  
  Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required, Special Course Fee Required Varies by Term/Section.  
  Grading Basis: No S/U Grade Option.  
  Seminar Hours: 3. |
| **CSD 732 Seminar: Child/Adult Speech Intervention (2 crs)**                | 2       | Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.  
  - CSD 358 or equivalent course.  
  Primarily addresses characteristics and issues related to dialect and accent modification/addition with adult clients and childhood apraxia of speech with children.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 2  
  Lab/Studio Hours: 0. |
| **CSD 737 Dysphagia (2 crs)**                                              | 2       | Prerequisite: CSD 440 or 640. Limited to students admitted to theCommunication Sciences and Disorders (CSD) graduate program or consent of instructor.  
  - CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.  
  Normal and abnormal anatomy and physiology of swallowing. Evaluation and treatment of swallowing disorders, with primary emphasis on the adult population. Discussion of issues in service delivery, treatment efficacy, and treatment ethics.  
  Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 2  
  Lab/Studio Hours: 0. |
| **CSD 743 Supervision and Clinical Instruction in Communication Sciences and Disorders: The Basics (1 cr)** | 1       | Prerequisite: No credit if taken after CSD 744.  
  Consent: Department Consent Required  
  A detailed study of the variables related to supervision and clinical instruction in speech-language pathology. Topics include models of supervision, issues related to dispositions and generational mindsets, as well as providing formative and summative feedback to practicum students.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 1  
  Lab/Studio Hours: 0. |
| **CSD 744 Supervision and Clinical Instruction in Communication Sciences and Disorders: Advanced Issues (1 cr)** | 1       | Prerequisite: CSD 743 or other intro supervision course.  
  Consent: Department Consent Required  
  A detailed study of the advanced variables related to supervision and clinical instruction in speech-language pathology. Topics include using technology and other tools for supervision and feedback, conflict resolution, multicultural issues, mentoring Clinical Year Fellowships, and self-assessment.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 1  
  Lab/Studio Hours: 0. |
| **CSD 748 Motor Speech Disorders (3 crs)**                                   | 3       | Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.  
  - CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.  
  Attributes: CSD MS Online Flat Rate Tuition.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 3  
  Lab/Studio Hours: 0. |
| **CSD 749 Birth to 21 Methods in Communication Disorders (4 crs)**          | 4       | Prerequisite: CSD 770 or equivalent course is required prior to enrollment in this course.  
  Roles, responsibilities, legislation, historical perspectives, and current events related to school and non-school settings serving children. Discussion and practical application focused on methods specific to working with ages birth to 21 years with communication disorders.  
  Attributes: Special Course Fee Required.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 4  
  Lab/Studio Hours: 0. |
| **CSD 750 Rehabilitation Methods in Communication Disorders (2 crs)**       | 2       | Prerequisite: CSD 770 or equivalent course is required prior to enrollment in this course.  
  Issues related to the rehabilitation processes including the structure of institutions, interdisciplinary approaches, documentation, and professional issues.  
  Grading Basis: No S/U Grade Option.  
  Lecture/Discussion Hours: 2  
  Lab/Studio Hours: 0. |
CSD 754 Acquired Cognitive-Communicative Disorders (3 crs)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
- CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.

Nature of dementias, traumatic brain injury (TBI), and right hemisphere brain damage (RHBD). Principles and practices of assessment and intervention of cognitive-communication disorders in persons with dementia, TBI, or RHBD.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 769 Graduate Clinical Practicum (1 cr)
Consent: Department Consent Required
Supervised clinical experience for first and third semester graduate students.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 770 Clinical Practicum in Communication Disorders II (2 crs)
Prerequisite: CSD 706 and CSD 769, or CSD 706 and instructor permission.
Consent: Department Consent Required
Supervised clinical experience with persons having communication disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 771 Clinical Practicum in Communication Disorders III (3 crs)
Prerequisite: CSD 706 and CSD 769.
Consent: Department Consent Required
Supervised clinical experience with persons having communication disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 774 Pediatric Dysphagia (1 cr)
Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.
- CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.


Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 779 Seminar: Selected Topics (1-3 crs)
Consent: Instructor Consent Required
Permits groups of graduate students to study topics of mutual interest in the field of communication disorders.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
CSD 799 Thesis (1-6 crs)
• Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: PR Only Grade Basis

Computational Science (CPSC)

CPSC 300 Computational Science II (3 crs)
Prerequisite: MATH 351 and MATH 354.
• Coordinating department: Physics and Astronomy.

Case studies of problems in computational science. Examples include molecular modeling, computational chemistry, stellar and planetary systems, thermodynamics, seismic modeling, geographic information systems, and atmospheric/oceanic circulation models. Solutions involve various computational tools and techniques.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

Computer Science (CS)

CS 100 Computer Information Technologies (3 crs)
• No credit toward computer science major or minor. Not applicable for satisfying B.S. GE-IB requirement in College of Arts and Sciences.

Development and application of appropriate processes and tools to access, organize, evaluate, and communicate information using spreadsheets (MS Excel), word processors (MS Word), databases (MS Access), presentation software (MS PowerPoint), and web-based/internet utilities. Appropriate for students seeking a broader or deeper preparation for efficiently using computer information technologies.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: 1

CS 145 Programming for New Programmers (4 crs)
Prerequisite: MATH 109 or concurrent, or placement into MATH 111, 112, 113, 114 or 215. Computer science majors must take concurrently with CS 146.
Cannot earn credit in both CS 145 and CS 148
• Students with prior programming experience should take CS 148 instead of CS 145.

A general introduction to programming, introducing data types, procedural abstraction, flow control, and object-oriented design.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 146 The Big Picture in Computer Science (1 cr)
Prerequisite: Limited to computer science majors. Must be taken concurrently with CS 145 or CS 148.
• Must be taken by students during their first semester in the computer science major.

Explores how a liberal education relates to computer science, the impacts of computers on society, and ethical expectations of the discipline. Provides an overview of computational thinking and technical topics.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CS 148 Programming for Experienced Programmers (4 crs)
Prerequisite: MATH 109 or concurrent, or placement into MATH 111, 112, 113, 114 or 215. Computer science majors must take concurrently with CS 146.
Cannot earn credit in both CS 145 and CS 148
• Students with prior programming experience take CS 148 instead of CS 145.

A project-based study of programming concepts. Topics build upon student's prior exposure to variables, functions, conditionals, loops, and arrays.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 163 Introduction to Programming in C++ (3 crs)
• Three years of high school, college preparatory mathematics. No credit for CS majors if taken after or concurrently with CS 145 or CS.

A general introduction to the design of computer software. Object-oriented design and implementation techniques including abstraction, encapsulation, and inheritance are emphasized. Applications chosen from mathematics, science, and business are used to demonstrate and motivate understanding of object-oriented programming.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 170 Computing for the Sciences and Mathematics (3 crs)
Prerequisite: MATH 112, or MATH 113, or placement into MATH 114 or MATH 215.
Aspects of computation that are particularly relevant to scientific computation. Discussion of numeric processing, symbolic processing, data management, data representation, and scientific visualization. Students design and implement computer programs.

Attributes: GE V University Wide
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CS 245 Advanced Programming and Data Structures (4 crs)
Prerequisite: CS 145 or CS 148. MATH 112 or concurrent enrollment, MATH 113 or concurrent enrollment, or placement into MATH 114 or MATH 215. Advanced object-oriented programming techniques including OO design, distributed and concurrent computation, GUI development, and testing. Implementation and use of data structures including lists, stacks, queues, trees, and graphs.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 252 Computer Systems (4 crs)
Prerequisite: CS 245, MATH 114 or concurrent enrollment. Introduction to systems level concepts including number system representation, digital logic, machine models, assembly language, UNIX, C programming and memory management, and parallel architectures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 260 Database Systems (4 crs)
A study of fundamental database concepts including: SQL, database design and normalization, transactions and concurrency, embedded SQL, and stored procedures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 268 Web Systems (3 crs)
Prerequisite: CS 245. May be taken concurrently with CS 260. Introduction to programming Web-based applications. Multiple modern Web technologies are covered in depth and compared. Web frameworks, server configurations, and security issues are discussed.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 278 Digital System Design (4 crs)
Prerequisite: Either CS 145 or CS 163, or consent of instructor.

Logic components, Boolean algebra and algorithmic logic simplification, combinational logic analysis and synthesis, synchronous and asynchronous sequential logic analysis and synthesis, finite state machine design, programmable logic and FPGAs, Verilog programming for synthesis.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 290 Introduction to Data Management (3 crs)
Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree. An introduction to managing data using technology. Topics include understanding different types of data, managing data using spreadsheets and databases, creating application macros to manipulate data, designing and implementing databases, and visualizing data.

Attributes: GE IB Communication-Analytical Skills, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 291 Special Topics (1-3 crs)
- See current Class Schedule.
An examination of current topical material of special interest to students and faculty.
Repeat: Course may be repeated

CS 318 Fundamentals of Web Page Design (3 crs)
Basic concepts, coding standards, accessibility guidelines, and technologies of client-side Web page design. Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), and techniques for controlling page layout, animations, and user interactions.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CS 319 Introduction to Web Programming (3 crs)
Prerequisite: CS 318. No credit if taken after CS 268.

Introduction to client and server side Web programming. Includes basic programming concepts, user input validation, dynamic Web pages, and data retrieval and display.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CS 320 Web Database Design and Implementation (3 crs)
Prerequisite: CS 318 or concurrent enrollment; CS 319 or concurrent enrollment.

Introduction to databases for Web applications. Architecture, design considerations, and implementation of relational database systems. Web/database application development.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Description</th>
<th>Lecture/Discussion Hours:</th>
<th>Lab/Studio Hours:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 321</td>
<td>Web Design and Development (3 crs)</td>
<td>3</td>
<td>CS 320</td>
<td>Analysis, design, and implementation techniques for Web site development. Includes preparation of design documents development, deployment, and testing. Students complete and deploy a comprehensive Web site working with clients and end-users.</td>
<td>3</td>
<td>0</td>
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<tr>
<td>CS 322</td>
<td>Animation Programming (3 crs)</td>
<td>3</td>
<td></td>
<td>Introduction to current technical and creative trends in digital animation principles, including real-time, interactive animations, gestural interfaces, and basic motion capture for use in animation and game development.</td>
<td>0</td>
<td>3</td>
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<tr>
<td>CS 330</td>
<td>Programming Languages (3 crs)</td>
<td>3</td>
<td>CS 252</td>
<td>Study building blocks of modern programming and programming paradigms including functional, imperative, object-oriented, and logical. Emphasis on teaching students how to learn new programming languages. In-depth study of C++ and memory management techniques.</td>
<td>3</td>
<td>0</td>
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<tr>
<td>CS 335</td>
<td>Algorithms (3 crs)</td>
<td>3</td>
<td>CS 245. Concurrent enrollment in MATH 314.</td>
<td>Discussion of algorithm design, problem-solving methods. Specific algorithm topics include divide-and-conquer, dynamic programming, and backtracking.</td>
<td>3</td>
<td>0</td>
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<tr>
<td>CS 352</td>
<td>Computer Architecture (3 crs)</td>
<td>3</td>
<td>CS 252</td>
<td>A study of hardware organization and architecture including performance metrics, machine data and instruction representations, computer arithmetic, assembly language programming, ALU design, CPU design and control, microprogramming, pipelining, cache memory systems, and I/O peripherals.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>CS 355</td>
<td>Software Engineering (3 crs)</td>
<td>3</td>
<td>CS 260. Credit cannot be earned in both CS 321 and CS 355.</td>
<td>A hands-on experience in software engineering with key aspects of the software development life cycle. Focus is on the application of a high-level development environment to the fulfillment of an object-oriented software design specification. An introduction to modern design patterns.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>CS 370</td>
<td>Computer Security (3 crs)</td>
<td>3</td>
<td>CS 252</td>
<td>Study of system, network, database, application and web security. Practical experience with tools for information gathering, vulnerability analysis, system hardening and intrusion detection as used for defending computer systems, culminating in a cyberwar exercise.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>CS 376</td>
<td>Cryptography and Network Security (3 crs)</td>
<td>3</td>
<td>CS 335</td>
<td>Basic and advanced cryptographic protocols and techniques. Block and stream ciphers, one-way hash functions, public-key and public-key digital signature algorithms, and key-exchange protocols. Network authentication, secure email, IP SEC, and web security.</td>
<td>3</td>
<td>0</td>
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<tr>
<td>CS 378</td>
<td>UNIX Systems Programming (3 crs)</td>
<td>3</td>
<td></td>
<td>In-depth coverage of the UNIX command shell, file manipulation, process control, file system utilities, mail, pipes and filters, I/O redirection, process management, UNIX editors, scripting language, and shell scripting.</td>
<td>3</td>
<td>0</td>
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<tr>
<td>CS 396</td>
<td>Junior Seminar (1 cr)</td>
<td>1</td>
<td>CS 146 and minimum junior standing, or consent of instructor. Limited to computer science majors. Examination of selected topics in computer science through invited business speakers, traditional lecture, and independent investigation.</td>
<td>1</td>
<td>0</td>
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<tr>
<td>CS 399</td>
<td>Independent Study - Juniors (1-3 crs)</td>
<td>1-3</td>
<td>Minimum junior standing. Consent: Department Consent Required</td>
<td>Individual project under the direction of a faculty member. Repeat: Course may be repeated.</td>
<td>1</td>
<td>0</td>
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<tr>
<td>CS 420</td>
<td>Artificial Intelligence (3 crs)</td>
<td>3</td>
<td>CS 335</td>
<td>Investigation of the theories and techniques of knowledge representation and automated reasoning as the foundation of artificial intelligence. Includes the comparative analysis of established theories and the synthesis of automated problem-solving behavior.</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>
CS 436 Mobile Software Development (3 crs)
Prerequisite: CS 245
Developing software for mobile devices, designing for interruptions, creating service-oriented architectures, and sensing the physical world.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 450 Theory of Computation (3 crs)
Prerequisite: CS 335
A study of finite automata and regular languages, pushdown automata and context-free languages, Turing machines and recursively enumerable sets, linear bounded automata and context-sensitive languages, computability and the halting problem, undecidable problems, and the Chomsky hierarchy.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 452 Operating Systems (3 crs)
Prerequisite: CS 252
A study of modern operating system concepts, process/thread structure, process management, scheduling, synchronization. Memory management, virtual memory, caching. Storage and I/O device management. Distributed operating systems and distributed computation.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 455 Computer Graphics (3 crs)
Prerequisite: CS 335
A study of 3-D modeling, rendering, and animation. Modeling includes constructive solids geometry, NURBS, and scene graphs. Rendering includes lighting models, raytracing, radiosity, mapping, and real-time issues. Animation includes keyframing, kinematics, dynamics, collision detection, and AI.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 462 Computer Networks (3 crs)
Prerequisite: CS 452
Fundamental concepts of data transmission, network architecture, data security, error control, routing, switching, and congestion control. Study of network protocols: IEEE 802.x, TCP/IP, ATM, Wireless Internet and Mobile Computing.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 482 Research in Computer Science I (3 crs)
Prerequisite: CS 355. Limited to computer science majors and minors. Minimum resident and total GPA of 3.00.
Consent: Instructor Consent Required
An introduction to structured research within computer science. Students develop a complete research proposal that poses an important open question in computer science and presents a well-developed strategy for its substantive investigation.

Attributes: Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 485 Software Engineering II (3 crs)
Prerequisite: CS 355
An application of software engineering principles to a software project developed throughout the semester. Students will work in groups to describe, design, implement, test, and deliver a software product for a client.

Attributes: LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 490 Computer Science Practicum (3 crs)
Prerequisite: CS 485
• Cannot be taken for credit toward fulfilling the major if the student has completed three or more credits in CS 498 (formerly CS 405).
A reflective examination of the principles and practices inherent to the study of computer science, including completion of a comprehensive project.

Attributes: Service-Learning Optional, Capstone Course
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 491 Special Topics (3 crs)
• See current Class Schedule.
An examination of current topical material of special interest to students and faculty. Topics that have been offered include: Analysis of Algorithms, Cryptography and Data Security, Computer Animation, Fuzzy Logic, Advanced Internet Applications, Data Mining, and Computational Biology.
Repeat: Course may be repeated

CS 492 Research in Computer Science II (3 crs)
Prerequisite: CS 482. Limited to computer science majors and minors.
Consent: Instructor Consent Required
Students carry out a research investigation based on a structured research proposal. The investigation includes a detailed analysis of existing literature in the area of investigation and the preparation of a research dissemination article.

Attributes: Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CS 493 Collaborative Research (1-3 crs)
Prerequisite: CS 355
An in-depth investigation into open issues within computer science and/or its application to other disciplines.

CS 498 Computer Science Internship (1-6 crs)
Consent: Department Consent Required
• A maximum of three credits can be counted as a CS elective.
Practical work experience that extends knowledge gained in prior courses.
Attributes: Service-Learning Optional, Capstone Course, Internship
Repeat: Course may be repeated for a maximum of 6 credits

CS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

CS 793 Special Topics in Computer Science (1-3 crs)
Consent: Department Consent Required
Permits groups of graduate students to study topics in the field of computer science.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CS 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Criminal Justice (CRMJ)

CRMJ 103 Survey of the Criminal Justice System (3 crs)
Prerequisite: No credit if taken after SOC 203.
• Credit may not be earned in both SOC 103 and CRMJ 103.
The fundamental concepts and contemporary issues associated with criminal law, policing, the judicial systems, and corrections are presented.
Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 280 Criminal Justice Research Methods (3 crs)
Prerequisite: CRMJ 103 or SOC 103. Limited to criminal justice majors.
A survey of research methods including research design, measurement and sampling procedures, development of survey questionnaires, experimental and field research, data collection, and analysis. Emphasis is placed on understanding, interpreting, and critically evaluating research in the criminal justice field.
Attributes: LE-S3 Creativity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 291 Special Topics (3 crs)
Intensive study of a topic selected because of special interest on the part of students or faculty.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 301 Criminology Theory (3 crs)
Prerequisite: CRMJ 103/SOC 103
Presentation of the biological, psychological, and social causes and correlates of criminal behavior. The emphasis is on contemporary factors and theories of crime and criminal behavior.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 302 Youth Crime and Juvenile Justice (3 crs)
Prerequisite: CRMJ 103 or SOC 103.
• Credit may not be earned in both SOC 302 and CRMJ 302.
Designed to give students a multidisciplinary understanding of the youth crime problem and the juvenile justice system. Topics covered include definitions and causes of youth crime, the philosophy and organization of the juvenile court, techniques of effective intervention and treatment, as well as the relationship between the juvenile justice system and components of the child welfare system. Includes cross-national information on the youth crime problem and efforts to control it.
Attributes: GE IIIG Social Science-Interdisciplinary Study
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 303 Crime Prevention (3 crs)
Prerequisite: CRMJ 103 or SOC 103.
• No credit if taken after CRMJ 291 when offered as Crime Prevention.
Examines various crime prevention policies and programs. Topics include crime prevention methods, theoretical applications to prevention efforts, and program effectiveness. The importance of research design in evaluating programs is also considered.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
CRMJ 319 Police in Society (3 crs)
Prerequisite: CRMJ 103 or SOC 103.
Examines who the police are, what they do, and how they do it. Analyzes the complexities and ambiguities of modern policing. Topics covered include police operations, law enforcement ethics, police misconduct, women and minority police officers, police work with juveniles, and cross-national methods of policing.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 325 Victimology (3 crs)
Prerequisite: CRMJ 103 or SOC 103
• No credit if taken after CRMJ 491 when offered as Victimology
Examination of a wide range of victimization experiences from the perspective of the victim, family members of the victim, and society. Emphasis placed on exploring response patterns to victimization, secondary trauma effects of victimization, differential effects of victimization over the life course, and community and media response.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 342 Confinement and Corrections (3 crs)
Prerequisite: CRMJ 103 or SOC 103.
Examines the confinement experience and field of corrections with particular focus on institutional and community-based corrections. Students will learn about typical correctional clients, life in prison, programs and services for prison inmates, and correctional practices worldwide.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 350 Women and Criminal Justice (3 crs)
Prerequisite: CRMJ 103 or SOC 103.
• No credit if taken after CRMJ 491 when offered as Women and Criminal Justice
Overview of the role, behavior and treatment of women in the criminal justice system in the United States. Theoretical, legal, political, socioeconomic and other influences will be highlighted through the way women are portrayed as offenders, victims, and professional employees in the criminal justice system.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 359 Teen Technology Misuse (3 crs)
Explores the ways teens use and misuse technology, with particular emphasis on cyberbullying, sexting, and unsafe social networking. Implications for preventing and responding to these behaviors will be examined.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 360 Contemporary Issues in Criminal Justice (3 crs)
Prerequisite: CRMJ 103 or SOC 103
• No credit if taken after CRMJ 491 Spring 2016. Repeatable one time when topic differs and with instructor consent.
This course examines the nature and extent of crime and social policy in modern society. Emphasis will be placed on current issues that have a wide-ranging impact on criminal justice systems, offenders, and society.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CRMJ 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Students, with assistance and approval from supervising instructors, define a particular problem or topic to study.
Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 397 Student Academic Apprenticeship in Criminal Justice (1-3 crs)
Prerequisite: Limited to criminal justice majors. Minimum total GPA of 3.30. B+ or above in assigned course.
Consent: Department Consent Required
• Cannot apprentice in the same course twice.
Qualified students work under close supervision of faculty exploring methods to teach criminal justice and assisting in the teaching of a course or courses. Students enhance their understanding of the discipline and their communication skills.
Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Students propose an independent study project on a topic in criminal justice to an instructor. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance.
Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 491 Special Topics (3 crs)
Intensive study of a topic selected because of special interest on the part of students or faculty.
Repeat: Course may be repeated for a maximum of 6 credits
CRMJ 498 Criminal Justice Internship (1-6 crs)
Prerequisite: CRMJ 103/SOC 103, and 30 credits which apply to the criminal justice major. Minimum junior standing. Limited to criminal justice majors. Consent: Department Consent Required
- Formal application with the instructor and department chair must begin at least eight weeks before registering for the course. Signature required from supervising instructor, agency representative, and department chair.

A field course which integrates principles of criminal justice with practical experience in a criminal justice agency. Supervision by instructor and agency representative.

Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing. Consent: Department Consent Required
Students propose an independent study project on a topic in criminal justice to an instructor. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance.

Repeat: Course may be repeated for a maximum of 6 credits

Dance (DNCE)

DNCE 101 Dance Appreciation (3 crs)
Prerequisite: No credit if taken after KINS 195.
An introduction to dance history, theory, and culture. Involving dance viewing, literature, discussion and experiential exercises, this course discovers dance as an academic discipline, an art form, and a site for cultural communication and knowledge.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DNCE 110 Ballet I (2 crs)
Beginning-level ballet technique course, emphasizing skeletal alignment and muscular engagement in the classical ballet form, terminology and theory of classical ballet technique, and studies in ballet history and aesthetics.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 112 Modern Dance I (2 crs)
Prerequisite: No credit if taken after KINS 200.
A beginning-level Modern Dance technique course that explores Bartenieff Fundamentals, floor work, bodily mapping, core support and skeletal alignment, and fundamental movement concepts of weight, space, time, and energy.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 114 Jazz Dance I (2 crs)
Prerequisite: No credit if taken after KINS 202.
A course in beginning jazz technique with an emphasis on classical Afro-European forms. A survey of early jazz choreographers and their choreographic styles.

Attributes: Physical Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 116 Tap Dance I (2 crs)
Prerequisite: No credit if taken after KINS 203.
A course in beginning tap technique with an emphasis on buck tap. A survey of the history of tap dance and the contributions of early tap masters.

Attributes: Physical Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 310 Ballet II (2 crs)
Prerequisite: DNCE 110 or audition. No credit if taken after KINS 206.
Consent: Instructor Consent Required
Intermediate-level ballet technique course, emphasizing intermediate-advanced level ballet skills and concepts, further explorations in terminology and theories of classical ballet technique, and continued study in ballet history and aesthetics with repertory experiences and research.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 312 Modern Dance II (2 crs)
Prerequisite: DNCE 112 or audition. No credit if taken after KINS 205.
Consent: Instructor Consent Required
An intermediate-level modern dance technique course that engages continued explorations in Bartenieff Fundamentals, floor work, bodily mapping, core support and skeletal alignments, and further explorations in modern dance concepts of weight, space, time, and energy.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2
DNCE 314 Jazz Dance II (2 crs)
Prerequisite: DNCE 114 or audition. No credit if taken after KINS 207.
Consent: Instructor Consent Required
A course in advanced jazz technique with an emphasis on turns, jumps, and
dance sequences. An exploration of later stylistic developments in jazz dance.
Attributes: Physical Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 316 Tap Dance II (1 cr)
Prerequisite: DNCE 116 or audition. No credit if taken after KINS 209.
Consent: Instructor Consent Required
A course in intermediate/advanced tap technique with an emphasis on rhythm
tap. An exploration of stylistic developments in tap dance.
Attributes: Physical Activity
Repeat: Course may be repeated for a maximum of 2 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 370 Dance Performance Practicum (1-2 crs)
Consent: Instructor Consent Required
• Audition required.
Participation in a main-stage dance performance project in faculty/guest artist
dance works.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: S/U Only Grade Basis

DNCE 395 Directed Studies (1-3 crs)
Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. Minimum junior
standing.
Consent: Department Consent Required
An individually arranged course for serious students of dance involving
research, choreography, and/or scholarly activity under the direction of a
faculty member.
Repeat: Course may be repeated
Grading Basis: No Auditors

DNCE 420 Dance Composition (3 crs)
Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. No credit if taken after
KINS 319. Minimum junior standing.
Consent: Instructor Consent Required
Art of making dances through a contemporary dance lens, with emphasis on
generating distinct movement material and crafting material in the body, space
and time. Examines theories about meaning-making in dance and research of
choreographic practices and contemporary artists.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 497 Dance Recital (1 cr)
Prerequisite: DNCE 420. Limited to dance minors.
Consent: Instructor Consent Required
The recital is a capstone experience in dance performance and choreography.
The student presents a showcase of work to highlight his or her achievements
across the four studio genres.
Attributes: Capstone Course

DNCE 499 Independent Study (1-3 crs)
Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. Minimum junior
standing.
Consent: Department Consent Required
An individually arranged course for serious students of dance involving
research, choreography, and/or scholarly activity culminating in a quality
research document or report.
Repeat: Course may be repeated
Grading Basis: No Auditors

Data Science (DS)

DS 700 Foundations of Data Science (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Introduction to data science and its importance in business decision making.
Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 705 Statistical Methods (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Statistical methods and inference procedures presented with an emphasis on
applications, computer implementation, and interpretation of results.
Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 710 Programming for Data Science (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Introduction to programming languages and packages used in data science.
Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
DS 715 Data Warehousing (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Introduction to the concepts and techniques to work with and reason about subject-oriented, integrated, time-variant, and nonvolatile collections of data in support of management’s decision-making process.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 730 Big Data: High Performance Computing (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Overview of how to process large datasets efficiently, including introduction of non-relational databases.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 735 Communicating about Data (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Prepares students to master technical, informational, and persuasive communication to meet organizational goals.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 740 Data Mining (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Data mining methods and procedures for diagnostic and predictive analytics.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 745 Visualization and Unstructured Data Analysis (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Covers various aspects of data analytics including visualization and analysis of unstructured data such as social networks.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 760 Ethics of Data Science (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Ethical issues related to data science, including privacy, intellectual property, security, and the moral integrity of inferences based on data.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 775 Prescriptive Analytics (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Procedures and techniques for using data to inform decision making. Topics include optimization, decision analysis, game theory, and simulation.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 780 Data Science and Strategic Decision Making (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
The interaction between data science and strategic decision making. Leveraging data resources for competitive advantage in the marketplace.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 785 Data Science Capstone (3 crs)
Prerequisite: Limited to Data Science master’s degree students.
Capstone course; students will develop and execute a data science project using real-world data and communicate results to a non-technical audience.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

Economics (ECON)

ECON 100 Economic Analysis of Contemporary Issues (3 crs)
Nature of selected contemporary issues and method of evaluating alternative solutions.

Attributes: GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 103 Principles of Microeconomics (3 crs)
Prerequisite: Grade of C or above in MATH 20 or suitable score on math placement test.
In the context of contemporary economic issues, product and resource markets are analyzed with respect to pricing decisions, efficiency, and equity.

Attributes: GE IIIB Social Science-Economics, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ECON 104 Principles of Macroeconomics (3 crs)
Prerequisite: Grade of C or above in MATH 20 or suitable score on math placement test.
Theory of aggregate income determination in the American economy with consideration of the international economy and other related problems, policies, and institutions.
Attributes: GE IIIB Social Science-Economics, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 101 Introduction to Political Economy (3 crs)
Prerequisite: No credit if taken after ECON 103 or ECON 104
Application of economic analysis to problems confronted in many social science disciplines. Concentrates on macroeconomic issues. Develops basic microeconomic concepts that serve as the foundation for macroeconomic issues. Includes market structures and cooperatives.
Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 268 Environmental Economics (3 crs)
Application of economic analysis to national and international environmental issues and policies, highlighting the connections between the economic way of thinking and other disciplines.
Attributes: GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 280 Health Economics (3 crs)
Application of economic analysis to national and international health care issues including insurance and financing mechanisms, chronic disease, prescription drugs, government policy and lifestyle choices.
Attributes: GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 303 Intermediate Microeconomic Theory (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.
Application of economic analysis to consumer behavior, production decisions, and resource pricing.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 304 Intermediate Macroeconomic Theory (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.
Examination of alternative theories of national income, employment, and the general price level.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 308 Essentials of Managerial Economics (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.
Application of economic principles to management problem formulation, problem-solving, and decision-making.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 311 History of Economic Thought (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.
Study of the development of economic analysis from the works of the physiocrats to contemporary models.
Attributes: GE IIIB Social Science-Economics, LE-I1 Integration, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 315 Elements of Mathematical Economics (3 crs)
Prerequisite: ECON 303, and MATH 111 or MATH 114. Minimum sophomore standing.
Applications of differential calculus and matrix algebra in microeconomic and macroeconomic theory.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 316 Econometrics (3 crs)
Prerequisite: ECON 103, ECON 104; MATH 246, MATH 345, or MATH 347. Minimum sophomore standing.
Application of statistical techniques for the purpose of testing and explaining economic relationships; integration of economic theory with observed economic phenomena. Useful for economic and business forecasting.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 318 Business Fluctuations and Forecasting (3 crs)
Prerequisite: ECON 104. Minimum sophomore standing.
Measuring economic activity; time series analysis; theories of business fluctuations; the experience of the 1930s; forecasting economic activity.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 321 Money and Banking (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.
Analysis of the impact of money and banking on a modern economy. Banking, regulatory and management problems are also studied.
Attributes: GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ECON 325 Public Economics (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing. Revenues and expenditures of different units of government and public debt. Attributes: Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 329 Lifetime Investing Principles and Strategies (3 crs)
Prerequisite: No credit if taken after ECON 322 or FIN 322. Strategies to build financial security over a lifetime with a focus on investing, taxes, inflation, life expectancy and insurance in order to maintain appropriate purchasing power through time. Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 330 Experiences of Minoritized Groups in U.S. Economy (3 crs)
Focuses on complex ways in which race, class, gender, and other identities intersect to shape the experiences of minoritized groups in U.S. economy. Attributes: Cultural Diversity 3 cr., GE IIIIB Social Science-Economics, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 331 Government and Business (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing. Market structures and institutions influencing relations between business and government. Attributes: GE IIIIB Social Science-Economics, Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 335 Labor Economics (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing. Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law. Attributes: GE IIIIB Social Science-Economics, Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 337 Women and the Labor Market (3 crs)
• Credit may not be earned in both ECON 337 and WGSS 337. Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies. Attributes: Cultural Diversity 1 cr., GE IIIIB Social Science-Economics Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 351 International Economics (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing. Study of international trade and international monetary theory and policies influencing the industrialized and developing nations. Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 353 Economics of Pacific Asia (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor. An economic analysis of the successes, problems, and policies of Pacific Asia. Examines the economies of Japan, China, Taiwan, Hong Kong, South Korea, and the Association of Southeast Asian Nations. Attributes: Foreign Culture Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 355 Economic Development (3 crs)
Prerequisite: ECON 103 Focuses on the economies of Africa, Asia, and Latin America. Helps develop an historical, institutional, and economic framework for critically understanding social and economic realities in these regions. Attributes: Foreign Culture, LE-R2 Global Perspectives, Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

ECON 356 Economic Development of Latin America (3 crs)
• Credit may not be earned in both ECON 356 and LAS 356. Analysis of the process of the economic and social development of Latin America. Topics include: nature of economic development, obstacles to economic development, evaluation of economic policies, and the role of women in economic development. Attributes: Foreign Culture, GE IIIIB Social Science-Economics, LE-I1 Integration Lecture/Discussion Hours: 3 Lab/Studio Hours: 0
ECON 357 Women and Economic Development (3 crs)
Credit may not be earned in both ECON 357 and WGSS 357. No credit if taken after WMNS 480 in Summer of 2001.
Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.
Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 366 Behavioral Economics (3 crs)
Prerequisite: ECON 103
Questions addressed in this course include: Do people act rationally, or is our thinking biased and emotional? Are individuals always selfish, or do they value fairness and altruism? What makes people happy? How does ideology affect choices and society?
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 371 Current Economic Problems (3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor.
Utilization of economic theory to study current economic problems and solutions to problems.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 375 Urban Economics (3 crs)
Prerequisite: ECON 103 or consent of instructor. Minimum sophomore standing.
An examination of the economic performance of urban economies, including theory, problems and policies. Includes the application of economics to the intricacies of such urban problems as poverty, housing, transportation, pollution and the urban environment.
Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 390 Global Economics Immersion Experience (1-3 crs)
Consent: Instructor Consent Required
This course provides an introduction to fundamental economic concepts, which are then used to analyze important economic and social issues at an international site.
Attributes: Foreign Culture, GE IIIB Social Science-Economics, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ECON 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

ECON 491 Special Topics (1-3 crs)
Topics will vary, depending on interest of students and faculty. Topics may be specific themes or areas of economics.

ECON 492 Honors Seminar (3 crs)
Prerequisite: ECON 304, minimum 3.20 GPA in ECON courses. Minimum resident and total GPA of 3.35. Admission to Department Honors Program. Individualized study of special topics in economics. Exact topics will differ depending on interests of the students and faculty members.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 494 Academic Internship (3 crs)
Prerequisite: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498.
Consent: Department Consent Required
Supervised application of classroom-acquired economics skills and knowledge in an academic setting related to the student's area of interest. To help prepare the student for graduate education.
Attributes: Internship
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 495 Directed Studies (1-3 crs)
Prerequisite: ECON 103 and ECON 104, or consent of instructor.
Consent: Department Consent Required
Course projects will be structured to fit the needs, interests, and goals of the participants.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

ECON 496 Honors Independent Study (1-3 crs)
Prerequisite: ECON 304. Minimum 3.20 GPA in ECON courses. Minimum resident and total GPA of 3.35. Admission to Department Honors Program. Supervised agenda of reading and research with regular conferences between student and faculty member resulting in a high quality research paper.
Repeat: Course may be repeated for a maximum of 6 credits
ECON 498 Professional Internship (3 crs)
Prerequisite: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498.
Consent: Department Consent Required
Supervised application of classroom-acquired economics skills and knowledge in a professional setting related to the student's area of interest.
Attributes: LE-I1 Integration, Service-Learning, Full 30 Hours, Internship

ECON 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

ECON 503 Intermediate Microeconomic Theory (3 crs)
Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required
• Cross-listed with ECON 303. Credit may not be earned in both courses.
Application of economic analysis to consumer behavior, production decisions, and resource pricing.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 525 Public Economics (3 crs)
Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required
• Cross-listed with ECON 325. Credit may not be earned in both courses.
Revenues and expenditures of different units of government and public debt.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 531 Government and Business (3 crs)
Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required
• Cross-listed with ECON 331. Credit may not be earned in both courses.
Market structures and institutions influencing relations between business and government.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 535 Labor Economics (3 crs)
Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required
• Cross-listed with ECON 335. Credit may not be earned in both courses.
Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 555 Economic Development (3 crs)
Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required
• Cross-listed with ECON 355. Credit may not be earned in both courses.
Focuses on the economies of Africa, Asia, and Latin America. Helps develop an historical, institutional, and economic framework for critically understanding social and economic realities in these regions.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 557 Women and Economic Development (3 crs)
Consent: Department Consent Required
• Cross-listed with ECON 357 and WGSS 357/WGSS 557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.
Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 695 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with ECON 495.
Course projects will be structured to fit the needs, interests, and goals of the participants.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
ECON 703 Microeconomics Foundation (1 cr)
Prerequisite: Limited to MBA students.
- Not for MBA degree credit. No credit if taken after ECON 103.

Concentrated introduction to microeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ECON 704 Macroeconomics Foundation (1 cr)
Prerequisite: Limited to MBA students.
- Not for MBA degree credit. No credit if taken after ECON 104.

Concentrated introduction to macroeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ECON 710 Managerial Economics (3 crs)
Prerequisite: Limited to MBA students.

Presentation and analysis of modern decision-making models for managerial decisions relating to economic variables.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 745 Basic Economic Principles Applied to Current Problems (3 crs)
- Teacher K-12

Workshop introduces teachers to application of economic theories to current economic issues.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 8

ECON 793 Directed Studies (1-3 crs)
Consent: Department Consent Required
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ECON 795 Research Paper (1-2 crs)
Consent: Department Consent Required
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ECON 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ECON 799 Thesis (1-6 crs)
Consent: Department Consent Required
- Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: PR Only Grade Basis

Education Studies (ES)

ES 149 Introduction to Education (1 cr)
Provides experiences on which to base decisions about teaching as a career. Investigates purposes and goals of university education in preparation for a teaching career and presents strategy for having success in the university.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 203 Exploring Schooling in Grades 1-8 (2 crs)
Prerequisite: Limited to teaching majors. Minimum 14 credits. Completion of University Writing Requirement. Minimum GPA of 2.50.

Examination of elementary and middle schooling, instructional planning, and effective teaching practices. The course combines field experiences with reading and discussion to provide an introduction to the roles and responsibilities of a professional educator at the elementary and middle school level.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 8

ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings (2 crs)
Prerequisite: Minimum of 14 credits. Completion of University Writing Requirement. Minimum resident and total GPA of 2.50.

This initial field experience provides opportunities to study and teach students in grades 1-12. School level placements made in accordance to certification requirements for ECA or EAA licensure. Student completes approximately 50 hours of observation/teaching.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 284</td>
<td>Working with ELLs in an Academic or Professional Setting (2 crs)</td>
<td>Provides basic understanding of ideological, social, political, education, and cultural issues related to non-native English speakers. Cross-disciplinary perspectives of individuals who are linguistically diverse.</td>
<td>Grading Basis: A-F Grades Only</td>
</tr>
<tr>
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<td></td>
<td>Lecture/Discussion Hours: 2</td>
<td>Lab/Studio Hours: 0</td>
</tr>
</tbody>
</table>
| ES 286      | Technology & Special Education (1 cr)                                        | Prerequisite: SPED 205 or concurrent enrollment or consent of instructor. Limited to SPED Early Childhood or SPED Specific Learning Disabilities and Intellectual Disabilities majors.  
An introduction to applications and technologies useful for special education educators including desktop publishing, visual literacy and assistive technologies. Hands-on work is stressed. All of the projects are suitable for inclusion in a portfolio.                                                                 | Grading Basis: A-F Grades Only                                                                                                                                                                                                                                                                                                                                                                                                                           |
|             |                                                                               | Lecture/Discussion Hours: 1                                                                                                                                                                                      | Lab/Studio Hours: 1                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ES 295      | Contemporary Critical Issues in Education (1-3 crs)                          | Consent: Department Consent Required  
Problems of education relating to funding, teacher quality, and the status of the teaching profession, student academic performance, racial imbalances, and unequal educational opportunity. This course is designed to discuss these concerns and viable solutions.                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                          |
| ES 301      | General Education Literacy Instruction PK-8 (3 crs)                           | Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301 must be taken concurrently with ES 301 and provides field experience in general education classrooms.  
This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.                                                                                                                                       | Attributes: Undergraduate/Graduate Offering  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
Introduction and development of the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-8 classroom environment. Topics include planning for instruction and assessment, developing positive relationships, and classroom management.                                                                                   | Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ES 305      | Reading Curriculum and Instruction in Grades 1-8 (3 crs)                    | Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Study of the teaching methods, instructional materials, and evaluation techniques employed in elementary/middle level reading. Includes a directed practicum.                                                                                      | Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ES 306      | Mathematics Curriculum and Instruction in Grades 1-8 (3 crs)                | Prerequisite: ES 203, 305, MATH 201, 202, 303, 304; must be taken with ES 304, 307, 308, 309, 335. Limited to teaching majors admitted to College of Education and Human Sciences  
Consent: Department Consent Required  
Study of teaching methods, instructional materials, evaluation techniques, and trends in mathematics. Includes a directed practicum.                                                                                                                                                                                                                  | Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ES 307      | Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)               | Prerequisite: ES 203, 305. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 308, 309, 335. Teaching language arts in the elementary and middle school; writing, listening, and speaking skills are included. Methods, materials, and trends in language arts. Includes a directed practicum.                                                                                      | Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ES 308      | Science Curriculum and Instruction in Grades 1-8 (3 crs)                     | Prerequisite: ES 203, 305; Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 307, 309, 335. Study of the teaching methods, instructional materials, evaluation techniques, and trends in science. An environmental education component is included as well as a directed practicum.                                                                                      | Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
Lab/Studio Hours: 0                                                                                                                                                                                                                                                                                                                                                                                                                                   |
ES 312 General Methods of Teaching (2 crs)
Prerequisite: Concurrent enrollment in ES 317, ES 318, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
Consent: Department Consent Required
Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 316 Teaching Multicultural Literature in Grades K-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.
This course examines what it means to have a multicultural perspective on the use of children's literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 317 Middle Level Methods and Curriculum (2 crs)
Prerequisite: Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
Music education students should enroll in MUED 318; every other major education students should enroll in ES 318.
Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 318 Teacher Assisting (1 cr)
Prerequisite: Concurrent enrollment in ES 312, ES 317, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.
Consent: Department Consent Required
Field experience in which student will experience certain aspects of teaching under the discretion of a cooperating teacher.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

ES 321 Contemporary Issues in Education (3 crs)
Students will view issues from a systems-lens to determine if issues are situational or systemic. Students will engage in discourse, debate, reflection, and research as they investigate contemporary issues in P-12 education.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 328 Content Area Reading and Study Strategies (2 crs)
Prerequisite: PSYC 261, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 333 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)
Prerequisite: ES 212 or permission of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.
Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 335 Reading Assessment, Diagnosis and Remediation (2 crs)
Prerequisite: ES 203, 305; limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 307, 308, 309
Examines reading process, models of diagnosis, formal and informal assessment instruments, instructional planning, intervention and issues of literacy assessment. Practicum experience with students is required.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Field Practicum Hours: 1

ES 338 Reading, Language, and Thinking (3 crs)
Prerequisite: ES 328, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 350 Art in Grades 1-8 (3 crs)
Prerequisite: Limited to art teaching majors admitted to College of Education and Human Sciences.
Prepares art education students for planning and teaching art in grades 1-8. Students will have a comprehensive understanding of elementary and middle school art curriculum.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

ES 354 Teaching Middle Level and Secondary Art (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Prepares students for planning and teaching art at the middle and secondary levels. Students will develop middle school and high school curriculum units. Required of Art-Middle Level and Secondary Teaching and Art-Comprehensive Teaching majors.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 356 Teaching Social Studies in Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Study of the curriculum, resources, teaching skills, and evaluation procedures for middle level and high school Social Studies. Required of the following teaching majors and/or minors: Latin American Studies, Social Studies, Economics, Geography, History, Political Science, Sociology.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 357 Teaching Mathematics in Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
Students construct an instructional framework based on research, theory, current practice, technology, and practical experience. Required of teaching majors and minors in mathematics.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 359 Teaching Physical Science Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
This course focuses on methods of science instruction that help students learn to teach science. Several teaching models will be examined to organize instruction. Required of teaching majors and minors in chemistry and physics.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 360 Teaching Science in Grades 4-12 (3 crs)
Consent: Department Consent Required
Provides study of methods, materials, content, and organization of science programs. Emphasizes curriculum planning, instruction, assessment, and best practices in 4-12 science instruction.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 45
Lab/Studio Hours: 0

ES 361 Teaching Theatre Arts (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences. Minimum resident and total GPA of 2.75.
• Credit may be earned in only one of the following: ES 361, THEA 361.
A study and analysis of current materials including textbooks, assessment tools, and teaching materials. Preparation for play production, classroom units, and advocacy tools.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 366 Teaching Foreign Languages Grades 5-12 (2-3 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328.
• Students majoring/minoring in more than one language or students who are MCEA regular education majors with a foreign language second major should enroll in this course for three credits.
Theories of language acquisition and learning, methodological trends, review of current research, guidelines for teaching the skills and culture.
Lecture/Discussion Hours: 2-3
Lab/Studio Hours: 0

ES 367 Teaching Biology Grades 5-12 (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.
A study of the curriculum, resources, teaching skills, and evaluation procedures peculiar to Biology. Required of biology teaching majors and minors.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

ES 381 Technology for Educators (2 crs)
Prerequisite: Limited to teaching majors admitted to the College of Education and Human Sciences.
An exploration of current and emerging technologies pertinent to the K-12 classroom and education as a profession.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
<th>Attributes</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 385</td>
<td>Social Foundations: Human Relations (3 crs)</td>
<td>Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 385. Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.</td>
<td>Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>ES 405</td>
<td>Teaching English to Speakers of Other Languages (3 crs)</td>
<td>Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor. Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.</td>
<td>Undergraduate/Graduate Offering</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>ES 408</td>
<td>Methods of Teaching Content-Based ESL (4 crs)</td>
<td>Prerequisite: ES 405 or concurrent enrollment. Limited to TESOL minors. ESL, bilingual education, and content area teachers learn to modify course materials, instructional strategies and assessments so that English language learning students can engage in course content while simultaneously developing their new language. Student completes approximately 40 hours of field experience.</td>
<td>Undergraduate/Graduate Offering</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>ES 410</td>
<td>Current Trends and Practices in Teaching Reading (1 cr)</td>
<td>Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students. Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.</td>
<td>Undergraduate/Graduate Offering Repeat: Course may be repeated for a maximum of 3 credits</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>ES 411</td>
<td>Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)</td>
<td>Prerequisite: ES 405. Limited to TESOL minors. Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.</td>
<td>Cultural Diversity 2 cr., Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>ES 415</td>
<td>Assessment and Evaluation in Grades 1-12 (2 crs)</td>
<td>Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.</td>
<td>Undergraduate/Graduate Offering</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>ES 436</td>
<td>Education of Girls and Women in the United States (2 crs)</td>
<td>Prerequisite: Minimum junior standing. Credit may not be earned in both ES 436 and WGSS 436. No credit if taken after special topics or directed study with the same title. This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.</td>
<td>Cultural Diversity 1 cr., GE V University Wide, Undergraduate/Graduate Offering</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>ES 437</td>
<td>Teaching Foreign Languages in Grades 1-8 (2 crs)</td>
<td>Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Principles and practices in teaching foreign languages in grades 1-8. Preparation for teaching in bilingual education programs.</td>
<td>Undergraduate/Graduate Offering</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>
ES 440 Internship Teaching in Elementary Education (6-12 crs)
Consent: Department Consent Required
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of public school staff, spending the entire semester in the school system in an elementary setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Grading Basis: S/U Only Grade Basis

ES 441 Student Teaching in Elementary Education (6 crs)
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The student teaches full time for one quarter in the elementary grades. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

ES 445 Student Teaching in Middle Level Education (6 crs)
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

Students teach full time for one quarter in a middle level school. Students typically teach in their approved major/minor area. The calendar of the school to which students are assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

ES 446 Internship Teaching in Middle Level Education (6-12 crs)
Consent: Department Consent Required
- Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a middle level setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

ES 456 Understanding the Early Adolescent (3 crs)
Prerequisite: ES 203 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.
Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 457 Integrating Literacies into the Middle Grades Curriculum (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.
Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 460 Reading and the Young Child (3 crs)
This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 463 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)
Consent: Department Consent Required
Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0.5
Lab/Studio Hours: 1.5

ES 464 Practicum in Content Area Reading (1 cr)
- Must be taken concurrently or after a course in content area reading.
Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.
Attributes: Undergraduate/Graduate Offering, Capstone Course
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1
ES 470 Student Teaching in Secondary Education (6 crs)
- Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The student teaches full time for one quarter in a high school setting. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis

ES 471 Student Teaching in Special Subjects (1-3 crs)
- Teacher licensure, related special methods course(s), and departmental approval.

Intended for teachers already certified who are seeking additional licensure; limited student teaching experience specially arranged with student.

Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

ES 473 Legal Aspects of Teaching (3 crs)
Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 475 Internship Teaching in Secondary Education (6-12 crs)
Consent: Department Consent Required
- Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a high school setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Grading Basis: S/U Only Grade Basis

ES 476 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Consent: Instructor Consent Required
Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 485 Field Studies of Minority Groups (3 crs)
Prerequisite: ES 385 or consent of instructor.
A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 6

ES 490 Historical, Legal, and Philosophical Foundations of Education (3 crs)
- Graduate students may also enroll.

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 493 International Experience in Education (1-8 crs)
Consent: Department Consent Required
- Completion of junior methods practicum or teaching license.

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

Attributes: Undergraduate/Graduate Offering

ES 495 Directed Studies in Education (1-3 crs)
- Arranged by department in response to need.

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
ES 497 Field Experience Seminar (2 crs)
• Admission to professional semester and recommendation of Department of Education Studies. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 499 Independent Study (1-3 crs)
Consent: Department Consent Required
Study of an education issue under the supervision of Education Studies faculty.
Repeat: Course may be repeated

ES 501 General Education Literacy Instruction PK-8 (3 crs)
Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.
• Cross-listed with ES 301. Credit may not be earned in both courses. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.

This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 512 General Methods of Teaching (2 crs)
Prerequisite: Admission to program. Concurrent enrollment in ES 317/ES 517, ES 318, ES 328/ES 528, and a prescribed special methods course.
Consent: Department Consent Required
• Cross-listed with ES 312. Credit may not be earned in both courses. Admission to program. Concurrent enrollment in ES 318, ES 328/ES 528, and a prescribed special methods course.

Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 516 Teaching Multicultural Literature in Grades K-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.
• Cross-listed with ES 316. Credit may not be earned in both courses.

This course examines what it means to have a multicultural perspective on the use of children’s literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 517 Middle Level Methods and Curriculum (2 crs)
• Cross-listed with ES 317. Credit may not be earned in both courses. Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 528 Content Area Reading and Study Strategies (2 crs)
Prerequisite: PSYC 261 or CSD 370 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
• Cross-listed with ES 328. Credit may not be earned in both courses.

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 533 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)
Prerequisite: ES 210/ES 211 or ES 212 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.
• Cross-listed with ES 333. Credit may not be earned in both courses.

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
ES 538 Reading, Language, and Thinking (3 crs)
Prerequisite: ES 328/ES 528, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.
• Cross-listed with ES 338. Credit may not be earned in both courses.
Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 585 Social Foundations: Human Relations (3 crs)
• Cross-listed with ES 385. Credit may not be earned in both courses. Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 585.
Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

ES 605 Teaching English to Speakers of Other Languages (3 crs)
Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor.
• Cross-listed with ES 405. Credit may not be earned in both courses.
Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 608 Methods of Teaching Content-Based ESL (3 crs)
Prerequisite: ES 405/ES 605. Limited to TESOL minors.
• Cross-listed with ES 408. Credit may not be earned in both courses.
Future and current English as a Second Language (ESL), bilingual education, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 610 Current Trends and Practices in Teaching Reading (1 cr)
Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students.
• Cross-listed with ES 410.
Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 611 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)
Prerequisite: ES 405/ES 605. Limited to TESOL minors.
• Cross-listed with ES 411. Credit may not be earned in both courses.
Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 615 Assessment and Evaluation in Grades 1-12 (2 crs)
Prerequisite: ES 304 or ES 312/ES 512. Limited to teaching majors admitted to College of Education and Human Sciences.
• Cross-listed with ES 415. Credit may not be earned in both courses.
Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 636 Education of Girls and Women in the United States (2 crs)
• Cross-listed with ES 436 and WGSS 436/WGSS 636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.
This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
### ES 656 Understanding the Early Adolescent (3 crs)
Prerequisite: ES 203 or ES 210 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with ES 456. Credit may not be earned in both courses.

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ES 657 Integrating Literacies into the Middle Grades Curriculum (3 crs)
- Cross-listed with ES 457. Credit may not be earned in both courses.

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ES 660 Reading and the Young Child (3 crs)
- Cross-listed with ES 460. Credit may not be earned in both courses.

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

Grading Basis: No S/U Grade Option

### ES 663 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)
Consent: Department Consent Required
- Cross-listed with ES 463. Credit may not be earned in both courses.

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0.5
Lab/Studio Hours: 1.5

### ES 664 Practicum in Content Area Reading (1 cr)
- Cross-listed with ES 464. Credit may not be earned in both courses. This course must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

### ES 673 Legal Aspects of Teaching (3 crs)
- Cross-listed with ES 473. Credit may not be earned in both courses.

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ES 676 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Consent: Instructor Consent Required
- Cross-listed with ES 476. Credit may not be earned in both courses.

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ES 685 Field Studies of Minority Groups (3 crs)
Prerequisite: ES 385/ES 585 or consent of instructor.
- Cross-listed with ES 485. Credit may not be earned in both courses.

A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### ES 690 Historical, Legal, and Philosophical Foundations of Education (3 crs)
- Cross-listed with ES 490. Credit may not be earned in both courses. Graduate students may also enroll.

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 693 International Experience in Education (1-8 crs)
Consent: Department Consent Required
- Cross-listed with ES 493. Completion of methods practicum or teaching license.

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

Grading Basis: No S/U Grade Option

ES 695 Directed Studies in Education (1-3 crs)
- Cross-listed with ES 495. Arranged by department in response to need.

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 697 Field Experience Seminar (1 cr)
- Cross-listed with ES 497. Credit may not be earned in both courses. Admission to professional semester and recommendation of Department of Education Studies. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/ internship. Preparation for the materials and competencies required for the job search is highlighted.

Attributes: Capstone Course, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 705 Literacy Assessment (3 crs)
Prerequisite: CSD 311/CSD 511; ES 328/ES 528; SPED 300/SPED 500 or SPED 330/SPED 530 or SPED 400/SPED 600; or equivalent for each or consent of instructor.

Teachers will examine assessment methods for reading and writing, conduct assessments, and analyze data to inform instructional decisions. Issues of literacy assessment will be explored. Work outside of class with a student is required.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 710 Pupil Development and Learning Expectations (3 crs)
The study of contemporary theories and principles of development, learning and motivation as they relate to educational services. Development issues including: physical, intellectual, emotional, social and moral perspectives will be used to create, modify or change learning expectations in the school setting.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 712 Social Foundations of Education (3 crs)
The purpose of this course is to help students develop into educators who critically examine the political, social, economic, ideological, and cultural landscape in which they will teach.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 720 Cultural and Social Foundations of Learning (3 crs)
Designed to provide students the knowledge, skills and dispositions needed to help all students learn more effectively in the school setting. Philosophical underpinnings will provide the basis for learning across the behaviorist to constructivist continuum.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 721 Teacher Reflection and Evaluation (1 cr)
Designed to assist educators in examining their teaching through reflective practice. Participants will explore and apply multiple ways of reflecting and evaluating their teaching from peer assistance to self-evaluations, student interviews, and teaching portfolios.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 725 Mathematics Curriculum, Instruction, and Evaluation in Grades 1-12 (3 crs)
Prerequisite: ES 306 or ES 357 or consent of instructor.

A survey of current trends and issues related to mathematics teaching and learning in elementary through high school. Contemporary instructional procedures, curricula and assessment methods will be examined. Technology integration will be infused.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 726 Issues of Critical Literacy in Grades K-12 (3 crs)
Prerequisite: ES 305, ES 328/ES 528 or ES 753.
A major thrust of this course will be on the social, cultural, and political
dimensions of literacy education in grades K-12.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 730 Comparative Education (3 crs)
Theory, structure, and organization of education. Examines education in
selected countries of Europe, South America, Near East, Middle East, and Far
East.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 731 Administration and Leadership in Reading Instruction (3 crs)
Prerequisite: ES 305 or ES 726, ES 705, ES 706, and ES 753.
Provides the prospective Reading Specialist with coaching models, study of
reading program reform and home, school and community partnerships.
Examines leadership strategies to administer and promote the K-12 district
reading instruction and assessment program.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 732 Social Studies Curriculum and Instruction in Grades 1-12 (3 crs)
Analysis of trends, issues, materials, and practices in Social Studies education.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 733 Science Curriculum and Instruction in Grades 1-12 (3 crs)
Prerequisite: ES 308 or consent of instructor.
Advanced study of contemporary curriculum models and strategies for
teaching science. Investigates current issues affecting 1-12 science teaching.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 734 Current Trends and Issues in Curriculum 1-12 (3 crs)
Organizing elements, current issues, innovations, and trends in curriculum for
grades 1-12.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 738 Curricular Design and Innovation (3 crs)
This course investigates curricular models aligned with state and national
standards, with a focus on how curricular design promotes learning and
innovation in the classroom setting.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 740 Introduction to Action Research (3 crs)
Students will create and conduct an action research project in their own
classrooms using appropriate research methodologies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 742 Advanced Topics in Teaching (1-3 crs)
A collection of one-credit courses, varying in scope and in degree of emphasis
on educational issues and/or practices, designed to provide continued study of
topics related to professional issues and professional performance.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 743 Instructional Supervision Theory (3 crs)
Consent: Instructor Consent Required
A theory based course designed to develop the competence of those
preparing to supervise teacher education students. Fees may be waived if the
cooperating teacher, team leader, or administrator is serving the UW-Eau Claire
teacher education program.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 744 Advanced Practica and Topics in Supervision (1 cr)
Prerequisite: ES 743 or supervision course.
Current involvement in supervision.

A practicum based course designed to enhance and refine the supervisory
skills of cooperating teachers supervising teacher education students. Fees
may be waived if the cooperating teacher is serving the UW-Eau Claire teacher
education program.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 745 Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)
Materials, procedures, and organization of elementary and middle school
language arts. For teachers, supervisors, and administrators in elementary and
middle schools.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 746 Teaching All Students: Equity, Diversity and Inclusivity (3 crs)
Beginning with the end-in-mind, this course addresses issues of diversity, equity and inclusivity so that all students become successful learners.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 753 Facilitating Literacy Across the Curriculum (3 crs)
Rationale and methods for determining and meeting the needs and abilities of middle level, secondary, and post-secondary students to read text in content areas.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 755 Collaborative Leadership: Building Effective Relationships (3 crs)
Designed to help students build and align their knowledge, skills and dispositions as Teacher and Collaborative Leader in order to act in concert with colleagues, administrators, students and their parents.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 760 Administrative Leadership (3 crs)
A study of selected theories and research relating to individual and group behaviors in K-12 educational organizations with emphasis on the characteristics of educational leadership including participatory management, long range strategic planning and change agent processes. Particular emphasis is given to human relations skills as well as oral and written communication skills needed by public school leaders.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 765 University of Wisconsin-Reading Symposium (1 cr)
Consent: Instructor Consent Required
* Held off-site in Milwaukee, Appleton, or Madison

This two day June symposium features nationally recognized speakers who address recent advances and issues in K-12 reading research. Strategies and practices to enhance classroom instruction are provided.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 768 Seminar in Reading (3 crs)
Prerequisite: ES 706 or ES 740 or ES 788.
Content determined by both professor and students. Multiple topics for consideration presented by instructor. Each class member is required to be familiar with all topics and to investigate one in considerable depth.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 770 School Law (3 crs)
Study of the legal system, Wisconsin Statutes relating to schools, federally mandated programs, teacher and student freedoms and responsibilities, and case law related to the foregoing.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 771 Designing a Learning Environment (3 crs)
This course addresses issues of risk, power, student needs, and classroom management within the framework of building an effective classroom community. The theories of the responsive classroom development and design will be explored.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 772 Seminar in Elementary and Middle Level Education (1-3 crs)
Consent: Instructor Consent Required
An intensive study of selected topics in elementary and middle level education. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 774 Evaluation, Assessment and Data-Based Decision Making (3 crs)
Designed to help students create, analyze and use reliable and valid assessments so that they can use that data for instructional decision-making in both the classroom and their school.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 776 Teaching Adult Learners (3 crs)
Examines the nature and needs of adult learners, approaches to adult learning programs, methods for instructing and evaluating adult learners, as well as trends and projections in adult education.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ES 777 Program Evaluation (3 crs)
The development of competency in designing, implementing, reporting, and assessing a plan to evaluate academic and nonacademic educational programs.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 778 Introduction to Educational Inquiry (3 crs)
Admission to Master of Education--Professional Development or Master of Science in Teaching Degree Program.
Study of educational inquiry and research methodologies. Intended to increase student's ability to critically read and synthesize the products of educational inquiry, to conceptualize and conduct a clear, disciplined inquiry into a topic.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 794 Scholarly Paper (1-2 crs)
Consent: Department Consent Required
Selection and implementation of the scholarship/research process with guidance from an Education Studies graduate adviser. Culminates in a paper and an oral presentation.
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

ES 795 Research Paper (1-2 crs)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 796 Directed Studies (1-3 crs)
A group may investigate common problems.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 798 Graduation Only (1 cr)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 799 Thesis (1-6 crs)
Full-time equivalent
A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

English (ENGL)
ENGL 121 Busting Language Myths (3 crs)
Explore the underworld of English language studies, the part your high school teachers never told you about. Investigate and dispel several common myths about language using insightful readings, critical reflection, and linguistic research methods.
Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 130 Introduction to World/Postcolonial Literature (3 crs)
Introduction to Eastern and Western literary classics from ancient and/or modern times (excluding British and American), with emphasis on cultural significance. Attention may also be given to origin and development of literary forms, modes, techniques, and conventions.
Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 140 Critical Reading (3 crs)
Consent: Department Consent Required
Development of the skills, strategies, attitudes, and habits associated with critical reading that are required for college success. Focus on comprehension, analysis, and reasoned judgment in individual and group environments.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 142 Introduction to American Indian Literatures (3 crs)
Prerequisite: Not available for juniors or seniors.
Credit may not be earned in both ENGL 142 and AIS 142 or if taken after ENGL 346 or AIS 346.
A study of the literatures by and about American Indians, with special attention to the cultural background.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 150 Introduction to Literature (3 crs)
Prerequisite: Not available for juniors or seniors.
Appreciation and analysis of great works of literature in fiction (short story and novel), poetry, and drama, through the application of a range of critical techniques.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 181 Making Sense of the Movies (3-4 crs)
Prerequisite: Not available for juniors or seniors.
Three (3) credit offerings will meet in class for four hours per week; four (4) credit offerings will meet in class for five hours per week. Additional screening time outside of class may be required.
An introduction to beginning concepts in film, video, and moving-image culture, including formal elements of film, genre, and time period.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

ENGL 201 Advanced College Writing (3 crs)
Prerequisite: Completion of University Writing Requirement.
Further development of the principles and practices of effective writing.
Emphasis on academic writing and on the development of a personal style suitable to a student's pre-professional needs.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 210 Introduction to Critical Studies (5 crs)
Students learn tools of interpretation—including narrative, figurative language, language and rhetoric in cultural context and intertextuality—as applied to a variety of both literary and social texts.
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 5
Lab/Studio Hours: 0

ENGL 212 Histories and Theories of Rhetoric (3 crs)
Introduction to the field of rhetoric through historical, contemporary, and theoretical perspectives.
Attributes: GE IA Communication-Language Arts, LE-K3 Humanities
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 220 Introduction to Creative Writing (3 crs)
Introduction to creative writing with opportunities for the student to create and evaluate several forms of verbal art (poetry, fiction and/or nonfiction).
Attributes: GE IA Communication-Language Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 221 Introductory English Linguistics (3 crs)
Introduction to the nature and structure of human language with an emphasis on the English language. Survey topics include phonology, morphology, syntax, semantics, pragmatics, history of the English language, regional and social dialects, language acquisition.
Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 230 Survey of World/Postcolonial Literature (3 crs)
This course provides a comparative survey of literature from a minimum of four western (excluding British and North American) and non-western cultures over two or more centuries from the fourteenth century onward.
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 242 The American Indian in Literature and Film (3 crs)
Credit may not be earned in both ENGL 242 and AIS 242.
A critical, cultural examination of the origins and evolution of film images of American Indians; analysis based on study and application of film techniques as well as literary and historical textual analysis.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ENGL 243 American Literature to 1865 (3 crs)
A survey of literature created in America from the pre-Columbian period to the end of the Civil War.
Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 244 American Literature from 1865-1945 (3 crs)
Poetry, fiction, nonfiction, drama, and folktales of the late nineteenth century and the first half of the twentieth, from Chopin, Gilman and Twain to Eliot, Faulkner, O'Neill, and Hurston.
Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 245 American Literature Since 1945 (3 crs)
Poetry, fiction, nonfiction, and drama since 1945, including such authors as Miller, Lowell, Didion, and Warren.
Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 252 Perspectives on Pre-1790 British Literature (3 crs)
Introductory-level study and appreciation of pre-1790 British literatures situated across a major shift of at least two literary periods (e.g., before and after the Norman Conquest, medieval and early modern theatricality or Arthurian myths).
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 257 Representative Shakespeare (3 crs)
Analysis of a representative group of texts (plays and verse) with attention to genre, historical contexts, or theoretical approaches. Does not duplicate English 357.
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 259 Perspectives on British Literature After 1790 (3 crs)
This course investigates a specific topic or group of British authors situated across a major shift of at least two literary periods (e.g., Romanticism to Victorianism) ranging from 1790 to the present.
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 268 Survey of American Ethnic Literature (3 crs)
Focuses on literary techniques/forms that represent experiences of at least one particular American ethnic group. Analyzes relationships between an ethnic culture and the dominant culture, emphasizing the intersection in literature of ethnic/dominant traditions, histories, cultural values.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 272 Perspectives in Popular Texts (3 crs)
Perspectives on a theme, issue, topic, genre, major author, or movement in mass culture as presented in popular texts.
Attributes: GE IVD Humanities-Literature, LE-K3 Humanities
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 273 Creative and Narrative Nonfiction (3 crs)
Survey of nonfiction works (reportage, autobiography, travel, and nature writing) which combine factual reporting with literary techniques to reveal American society.
Attributes: LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 274 The Short Story (3 crs)
Analysis and discussion of ideas and literary techniques found in the short story with attention to such writers as Chekhov, Dinesen, Borges, Welty.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 275 The Novel (3 crs)
Analysis and discussion of ideas and literary techniques found in the novel with attention to such writers as Austen, Hawthorne, Twain, Joyce, Dostoevsky, Woolf, Heller.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 276 Poetry (3 crs)
Analysis and discussion of ideas and literary techniques found in poetry with attention to such writers as Shakespeare, Frost, Yeats, Dickinson, Whitman, Rich, Plath, Heaney.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 277 Drama (3 crs)
Analysis and discussion of ideas, literary techniques, and conventions found in drama. Selections will normally range from classical to contemporary and include examples from diverse cultures.
Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 281 Critical Perspectives on Film (3-4 crs)
- Three (3) credit offerings will meet in class for four hours per week; four (4) credit offerings will meet in class for five hours per week. Additional screening time outside of class may be required.

Introduction to critical perspectives on film, video, and moving image culture. Students will begin analyzing films using a variety of critical methods.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities
Grading Basis: A-F Grades Only

ENGL 284 Introduction to Theory and Criticism (3 crs)
Prerequisite: ENGL 210 (formerly 160) or concurrent enrollment.
Introduction to a range of positions concerning what, how, and why we read within English Studies. Students will develop their ability to recognize, explain, and argue for their own positions in relation to these issues.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 296 Perspectives on Women's Literature (3 crs)
- Credit may not be earned in both ENGL 296 and WGSS 296 unless topics differ. See current Class Schedule for specific theme or topic.

Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women's achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 302 Teaching Writing in the Elementary and Middle School (3 crs)
Prerequisite: Limited to elementary education, middle/early adolescence majors. Completion of University Writing Requirement.
Writing intensive course focused on writing theory and pedagogy in the elementary and middle school. Students will develop their writing skills as well as learn to support writing development of children in a writing workshop.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 307 Editing and Publications Management (3 crs)
Prerequisite: Completion of University Writing Requirement.
Copyediting and substantive editing of text and art. Addresses use of style guides and stylesheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 315 Visual Rhetorics of Science, Technology, and Culture (3 crs)
Prerequisite: Completion of University Writing Requirement. Examines texts as comprised of both verbal and visual elements that work together to make meaning, create knowledge, and persuade audiences.
Attributes: GE IA Communication-Language Arts, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 319 Introduction to English Education Methods (3 crs)
Prerequisite: ES 212 or concurrent enrollment. ENGL 210 or consent of instructor. Three credits of literature at the 100- or 200-level. Limited to English teaching majors and minors. Minimum resident and total GPA of 2.75. An introduction to the theories and methods of teaching English language arts in middle and high school classrooms.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 321 Topics in the Structure of English (3 crs)
Prerequisite: ENGL 221 or consent of instructor.
• See current Class Schedule for specific theme or topic.
Explores the inner workings of the English language. Specific course offerings will involve one or more areas of language structure: phonology, morphology, syntax, semantics, pragmatics.
Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 325 Topics in Language in Society (3 crs)
Prerequisite: ENGL 221 or consent of instructor.
Explores issues of language in society from a linguistic perspective. Topics may include the history of the English language, language attitudes, language change, language variation, and others.
Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 330 Topics in World/Postcolonial Literature (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level. A thematic analysis of issues pertaining to the study of world (excluding British and American) and/or postcolonial literatures.
Attributes: Foreign Culture, GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 332 Women in African Literature (3 crs)
• Credit may not be earned in both ENGL 332 and WGSS 332.
Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.
Attributes: Foreign Culture, GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 340 Topics in American Literature to 1865 (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.
• See current Class Schedule for specific theme or topic.
This focused study of American literature may include works from the pre-European contact period through 1865. A major author, genre, theme, or movement may be the subject of this course.
Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 345 American Indian Autobiography (3 crs)
Prerequisite: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240/HIST 240, AIS 250/POLS 250, AIS 324/ARTH 324, AIS 325/ANTH 325, AIS 368/HIST 368, AIS 369/HIST 369 or consent of instructor
• Credit may not be earned in both ENGL 345 and AIS 345.
Explores evolving forms and political implications of the creation and production of American Indian autobiographies and collaborative personal narratives.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 346 Major Works in American Indian Literature (3 crs)
Prerequisite: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240/HIST 240, AIS 250/POLS 250, AIS 324/ARTH 324, AIS 325/ANTH 325, AIS 368/HIST 368, AIS 369/HIST 369 or consent of instructor
• Credit may not be earned in both ENGL 346 and AIS 346.
Major and supporting works of American Indian literature, from oral and written sources.
Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 348 Topics in American Literature: 1865 - Present (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.
• See current Class Schedule for specific theme or topic.

A focused study of American literature between the end of Civil War and the present. A major author, genre, theme, or movement related to this period may be the subject.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 351 Chaucer and His Age (3 crs)
Prerequisite: ENGL 125 or ENGL 221 or CSD 262 or foreign language competency at the 102 level, and either ENGL 210 or three credits of literature with either ENGL or FLTR prefix.

Literature and language of Geoffrey Chaucer in his literary and social context; readings from his Canterbury Tales and other writings, and from comparable works by his contemporaries and/or imitators through ca. 1450.

Attributes: GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 352 Topics in British Literature Before 1790 (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.
• See current Class Schedule for specific theme or topic.

This course will investigate a specific literary period, topic, or group of authors in British literature before 1790.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 357 Shakespearean Topics (3 crs)
Prerequisite: Three credits of literature at the 100 or 200 level.
• See current Class Schedule for specific theme or topic.

Analysis of a selected group of plays or poems in terms of a specific thematic or theoretical topic.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 359 Topics in British Literature After 1790 (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.
• See current Class Schedule for current theme or topic.

This course will investigate a specific literary period, topic, or group of British authors within the period ranging from 1790 to the present.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 362 Studies in Transatlantic Romanticism (3 crs)
Examines Romanticism as an Anglo-American literary dialogue concerned with topics such as abolition of slavery, environmental preservation, women’s rights, etc. Explores how the successes and failures of political, poetical, and industrial revolutions shaped Romantic literature.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 368 Topics in American Ethnic Literature (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

This literature course explores the literary perspectives and cultural lives embodied by U.S. ethnic communities, particularly African American, Asian American, American Indian, and Hispanic/Latin American communities. Individual sections explore ethnic literature produced by an author, literary period, genre, or theme.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 372 Topics in Popular Culture (3 crs)
Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

Thoughtful, critical, and in-depth study of a theme, issue, topic, genre, major author, or movement in mass culture as presented in popular texts and related critical discussions.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 381 Critical Studies in Film and Culture (3-4 crs)
• Meets 5 hours per week in classroom. Additional screening time outside of class required for 4 credit offerings. See current Class Schedule for specific theme or topic.

Critical exploration of topics in film and culture. Variable focus and credits by offering. Recommended for English majors/minors and others with significant interest in film, video, and moving-image culture or in cinema and media history.

Repeat: Course may be repeated for a maximum of 8 credits

ENGL 384 Studies in Theory and Criticism (3 crs)
Prerequisite: ENGL 284
• See current Class Schedule for specific theme or topic.

Study and analysis of selected theory and/or criticism. Specific offerings under this course title will vary, focusing on author, theme, period, genre.

Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 391 Travel Seminar (1-3 crs)
- Course offered only when sufficient enrollment has been recruited, may be offered in cooperation with UW-Extension. May be used in English major or minor programs. See current Class Schedule for specific theme or topic.

Study before, during, or after travel to a region associated with a writer or writers, e.g. Thomas Hardy’s Wessex. Emphasizes visits to libraries, museums, cities, countryside, and special sites associated with the literature.

Attributes: Undergraduate/Graduate Offering

ENGL 392 Major Themes in Literature (1-3 crs)
- See current Class Schedule for specific theme or topic.

The study of fiction, poetry, drama, nonfiction, and film as it illustrates a specific major theme in literature: such as “Love in Western Literature.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

ENGL 394 Academic Apprenticeship in English (1-3 crs)
Prerequisite: Completion of University Writing Requirement.
Consent: Department Consent Required
Qualified students, supervised by English faculty, facilitate teaching and learning in a specific course. Students will enhance their knowledge of the discipline and their ability to communicate this understanding to their peers.

Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

ENGL 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Study of a problem or special area in language or literature.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

ENGL 396 Studies in Women’s Literature (3 crs)
- Credit may not be earned in both ENGL 396 and WGSS 396 unless topics differ. See current Class Schedule for specific theme or topic.

Study of a particular problem, genre, or literary period within that literature written by or about women, such as "Our Literary Foremothers" or "Jane Eyre's Literary Daughters.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 397 Writing Center Theory & Practice (3 crs)
Prerequisite: Grade of B or above in WRIT 114, WRIT 116, WRIT 118, or WRIT 120, or equivalent. Minimum sophomore standing.
Consent: Instructor Consent Required
Introduction to Writing Center Theory and its application to tutoring college writing in a variety of disciplines. Students tutor three hours per week in the Center for Writing Excellence. This course is open to non-majors.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

ENGL 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ENGL 409 Grant Proposal Writing (3 crs)
Prerequisite: Completion of University Writing Requirement.
Students will gain knowledge of various grant proposal forms (government, corporate, foundation), with emphasis on conceptualizing, developing, and writing proposals for real clients. Each student will complete an individual and a collaborative proposal.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 410 Creative Writing Workshop - Poetry (3 crs)
Prerequisite: ENGL 210, ENGL 310 and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; or consent of instructor.
- May be repeated only with permission of the department.

Special emphasis on class discussion and personal conferences for advanced writers of poetry.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 411 Creative Writing Workshop - Fiction (3 crs)
Prerequisite: ENGL 210, ENGL 311 and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; or consent of instructor.
- May be repeated only with permission of the department.

Special emphasis on class discussion and personal conferences for advanced writers of fiction.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 412 Seminar in Nonfiction Writing (3 crs)
Prerequisite: ENGL 210, ENGL 311, and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, ENGL 276; or consent of instructor.
Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 413 Prose Writing Workshop-Topics (3 crs)
Prerequisite: ENGL 210; six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; and ENGL 311; or consent of instructor.
Reading and writing in one or more prose genres. Topics may include: writing for children, historical fiction, mystery, young adult.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 415 Seminar in Science and Nature Writing (3 crs)
Prerequisite: ENGL 210; six credits of literature; and either ENGL 305, ENGL 310, or ENGL 311; or consent of instructor.
Explores literary science and nature writing: students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 419 Seminar in English Education Methods (3 crs)
Prerequisite: ENGL 319. Limited to English teaching majors and minors admitted to the College of Education and Human Sciences.
Seminar focused on constructivist theories of literacy teaching and the application of those theories in middle and high school classrooms.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 421 Seminar in Linguistic Research (3 crs)
Prerequisite: ENGL 221 or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theory and practice of linguistic research, on a general theme designated by the instructor. Students design and carry out research projects, choosing language problems and research methodology suggested by the theme.
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 430 Seminar in World/Postcolonial Literature (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
In-depth study of specialized topics in world/postcolonial literature such as Postcolonial Feminism or Magic Realism in the Latin American Novel.
Attributes: Foreign Culture, LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 440 Seminar in American Literature Before 1865 (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
Advanced study of specialized topics in American literature before 1865, including theoretical (e.g., Racial Pseudoscience in the American Novel), generic (e.g., The Antebellum Romance), and special themes (e.g., The Transcendentalists and Social Reform).
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 448 Seminar in American Literature Since 1865 (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
Advanced study of selected topics in American literature since 1865, including genres or subgenres, theoretical perspectives, ethnic emphases, special themes, and paired or individual authors.
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 452 Seminar in Early British Literature (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
In-depth exploration of selected topics in British Literature before 1790, including theoretical (e.g., Feminism and Medieval Literature), generic (e.g., Medieval Drama, Early Modern Poetry, Romance), and special themes (e.g., Death in Early British Literature).
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture (3 crs)
Prerequisite: ENGL 210 and at least six credits from the following: ENGL 305, ENGL 307, ENGL 308, ENGL 312, ENGL 313, ENGL 314, ENGL 315, ENGL 355, ENGL 409, ENGL 415, ENGL 498; or consent of instructor.
• See current Class Schedule for specific theme or topic.
Course provides capstone experience in theory and praxis of rhetorics in science, technology, and/or culture. Content of individual course iterations will vary depending on instructor expertise/interests, but will balance rhetorical analysis with textual production.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 459 Seminar in British Literature After 1790 (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
Advanced study of specialized topics in British literature after 1790, including theoretical (e.g., intersection of Feminism and British Modernism), generic (e.g., Romantic Poetry, Modern Drama, Postmodern Novel), special themes (e.g., Booker Novels), and author studies (e.g., Dickens and Collins).
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 468 Seminar in American Ethnic Literature (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
Advanced study of topics and texts authored by American Ethnic writers. Topics may include theoretical, political, aesthetic, and cultural issues reflecting the historical and cultural forces that have shaped the literary production of authors from a particular American ethnic tradition.
Attributes: Cultural Diversity 3 cr., LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 480 English Capstone (1-3 crs)
Prerequisite: Completion of 29 credits (including ENGL 210, ENGL 221, ENGL 284, and a 400-level seminar) toward the English major. For those electing the one-credit option, an ENGL 400-level seminar must be taken concurrently.
Consent: Department Consent Required
Students elect either a one-credit Capstone course coincident with a 400-level seminar, completing a combined “senior thesis” project; or a three-credit Capstone course, completing the senior project independent of any specific seminar.
Attributes: Capstone Course

ENGL 481 Seminar in Film, Video, and Moving-Image Culture (3-4 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• Meets 5 hours per week in classroom. Four credit offerings require additional screening time outside of class.
Advanced explorations in film, video, and moving-image culture studies. Variable focus and credits by offering. Seminar topics will often include significant engagement with work in various forms of critical theory.
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

ENGL 484 Seminar in Critical Theory (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic. Others may enroll with the instructor's permission.
In-depth exploration of topics in Critical Theory, including schools (e.g., Feminist Theory), periods (e.g., 20th Century Theory), figures (e.g., Foucauldian Theory), and special themes (e.g., Theorizing Music).
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ENGL 496 Seminar in Women's Literature (3 crs)
Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture
• See current Class Schedule for specific theme or topic.
Advanced study of specialized topics in literature authored by women—e.g., theory (Womanist Writings and Readings), period (Women’s WWI Fiction), genre (Feminism in Science Fiction), or theme (Woman's Work: Gender and Class Before 1790).
Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

ENGL 497 Honors Independent Study (1-3 crs)
Prerequisite: ENGL 210, ENGL 221, ENGL 284. At least six credits of English coursework at the 400-level. Minimum senior standing. Minimum resident and total GPA of 3.50. Limited to English majors
Consent: Department Consent Required
- Must be admitted and in good standing in the English Department Honors Program with an English GPA of 3.50 or higher.
Intensive study of a topic resulting in an honors quality scholarly, creative, or other type of project appropriate to English majors fulfilling the English Departmental Honors option.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

ENGL 498 Internship in Writing (1-3 crs)
Prerequisite: Open to English majors and minors only.
Consent: Instructor Consent Required
- Five hours of work experience per week per credit.
Experience in a professional organization working as a technical writer, editor, etc. Work will build on and relate to writing skills developed in other courses in writing.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits

ENGL 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

ENGL 502 Teaching Writing in the Elementary and Middle School (3 crs)
- Cross-listed with ENGL 302. Credit may not be earned in both courses.
Writing intensive course focused on writing theory and pedagogy in the elementary and middle school. Students will develop their writing skills as well as learn to support writing development of children in a writing workshop.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 507 Editing and Publications Management (3 crs)
Consent: Instructor Consent Required
- Cross-listed with ENGL 307. Credit may not be earned in both courses.
Copyediting and substantive editing of text and art. Addresses use of style guides and stylesheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 512 Science Writing (3 crs)
- Cross-listed with ENGL 312. See current Class Schedule for specific theme or topic.
Develop students' abilities to respond to rhetorical situations informed by scientific evidence and create documents that respond effectively to these situations.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 513 Technical Writing (3 crs)
- Cross-listed with ENGL 313. See current Class Schedule for specific theme or topic.
Students analyze rhetorical situations and user needs, determine optimal formats, and produce effective technical documents for intended audiences.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 514 Cultural Rhetorics (3 crs)
- Cross-listed with ENGL 314. See current Class Schedule for specific theme or topic.
Topics in rhetorical action of cultural groups. Explores relationships among rhetoric, identity, ideology, power, privilege, and social change.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 515 Visual Rhetorics of Science, Technology, and Culture (3 crs)
- Cross-listed with ENGL 315. See current Class Schedule for specific theme or topic.
Examines texts as comprised of both verbal and visual elements that work together to make meaning, create knowledge, and persuade audiences.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 521 Topics in the Structure of English (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 321. See current Class Schedule for specific theme or topic.
Explores the inner workings of the English language. Specific course offerings will involve one or more areas of language structure: phonology, morphology, syntax, semantics, pragmatics.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 525 Topics in Language in Society (3 crs)
• Cross-listed with ENGL 325. See current Class Schedule for specific theme or topic.
Explores issues of language in society from a linguistic perspective. Topics may include the history of the English language, language attitudes, language change, language variation, and others.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 591 Travel Seminar (1-3 crs)
• Cross-listed with ENGL 391. See current Class Schedule for specific theme or topic. Course offered only when sufficient enrollment has been recruited, may be offered in cooperation with UW-Extension.
Study before, during, or after travel to a region associated with a writer or writers, e.g. Thomas Hardy’s Wessex. Emphasizes visits to libraries, museums, cities, countryside, and special sites associated with the literature.
Grading Basis: No S/U Grade Option

ENGL 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with ENGL 395. The English graduate program may include no more than three semester credits of either independent or directed study courses. Independent and directed study courses must be approved in advance by the English Graduate Director.
Study of a problem or special area in language or literature.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ENGL 597 Writing Center Theory & Practice (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 397. Credit may not be earned in both courses.
Introduction to Writing Center Theory and its application to tutoring college writing in a variety of disciplines. Students tutor three hours per week in the Center for Writing Excellence. This course is open to non-majors.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

ENGL 609 Grant Proposal Writing (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 409. Credit may not be earned in both courses.
Students will gain knowledge of various grant proposal forms (government, corporate, foundation), with emphasis on conceptualizing, developing, and writing proposals for real clients. Each student will complete an individual and a collaborative proposal.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 610 Creative Writing Workshop - Poetry (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 410. May be repeated only with permission of the instructor.
Special emphasis on class discussion and personal conferences for advanced writers of poetry.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 611 Creative Writing Workshop - Fiction (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 411. May be repeated only with permission of the instructor.
Special emphasis on class discussion and personal conferences for advanced writers of fiction.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 612 Seminar in Nonfiction Writing (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 412.

Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 613 Prose Writing Workshop-Topics (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 413.

Reading and writing in one or more prose genres. Topics may include: writing for children, historical fiction, mystery, young adult.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 615 Seminar in Science and Nature Writing (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 415. Credit may not be earned in both courses.

Explores literary science and nature writing; students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 621 Seminar in Linguistic Research (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 421. See current Class Schedule for specific theme or topic.

Theory and practice of linguistic research, on a general theme designated by the instructor. Students design and carry out research projects, choosing language problems and research methodology suggested by the theme.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 630 Seminar in World/Postcolonial Literature (3 crs)
• Cross-listed with ENGL 430. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

In-depth study of specialized topics in world/postcolonial literature such as Postcolonial Feminism or Magic Realism in the Latin American Novel.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 640 Seminar in American Literature Before 1865 (3 crs)
• Cross-listed with ENGL 440. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in American literature before 1865, including theoretical (e.g., Racial Pseudoscience in the American Novel), generic (e.g., The Antebellum Romance), and special themes (e.g., The Transcendentalists and Social Reform).
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 648 Seminar in American Literature Since 1865 (3 crs)
• Cross-listed with ENGL 448. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of selected topics in American literature since 1865, including genres or subgenres, theoretical perspectives, ethnic emphases, special themes, and paired or individual authors.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 652 Seminar in Early British Literature (3 crs)
• Cross-listed with ENGL 452. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

In-depth exploration of selected topics in British Literature before 1790, including theoretical (Feminism and Medieval Literature), generic (Medieval Drama, Early Modern Poetry, Romance), and special themes (Death in Early British Literature).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 655 Seminar in Rhetorics of Science, Technology, and Culture (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 455. Credit may not be earned in both courses. See current Class Schedule for specific theme or topic.

Course provides capstone experience in theory and praxis of rhetorics in science, technology, and/or culture. Content of individual course iterations will vary depending on instructor expertise/interests, but will balance rhetorical analysis with textual production.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 659 Seminar in British Literature After 1790 (3 crs)
Consent: Instructor Consent Required
• Cross-listed with ENGL 459. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in British literature after 1790, including theoretical (e.g., intersection of Feminism and British Modernism), generic (e.g., Romantic Poetry, Modern Drama, Postmodern Novel), special themes (e.g., Booker Novels), and author studies (e.g., Dickens and Collins).

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 668 Seminar in American Ethnic Literature (3 crs)
• Cross-listed with ENGL 468. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of topics and texts authored by American Ethnic writers. Topics may include theoretical, political, aesthetic, and cultural issues reflecting the historical and cultural forces that have shaped the literary production of authors from a particular American ethnic tradition.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 681 Seminar in Film, Video, and Moving-Image Culture (3-4 crs)
Consent: Instructor Consent Required
• Meets 5 hours per week in classroom. Four credit offerings require additional screening time outside of class. Cross-listed with ENGL 481.

Advanced explorations in film, video, and moving-image culture studies. Variable focus and credits by offering. Seminar topics will often include significant engagement with work in various forms of critical theory.

Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

ENGL 684 Seminar in Critical Theory (3 crs)
• Cross-listed with ENGL 484. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic. Others may enroll with the instructor's permission.

In-depth exploration of topics in Critical Theory, including schools (e.g., Feminist Theory), periods (e.g., 20th Century Theory), figures (e.g., Foucauldian Theory), and special themes (e.g., Theorizing Music).

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 686 Seminar in Women's Literature (3 crs)
• Cross-listed with ENGL 496. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in literature authored by women--e.g., theory (Womanist Writings and Readings), period (Women's WWI Fiction), genre (Feminism in Science Fiction), or theme (Woman's Work: Gender and Class Before 1790).

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 711 Critical Thinking, Reading, and Writing (3 crs)
• Admission to program or consent of graduate instructor.

Introduction to graduate level critical reading and writing, stressing the development of insightful analysis and critical voice supported by an understanding of a variety of critical approaches and research methodologies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 715 Critical Theory and English Studies (3 crs)
Prerequisite: ENGL 711 or consent of instructor.

Seminar examining the function of critical theory in studies of literature, language, and culture, focusing on the place of English Studies within the culture and the relations between critical theory and the disciplines of English.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 721 Studies in Writing, Language, or Pedagogy (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Seminar examining topics of importance in writing, language, or pedagogy
(e.g., Approaches to Teaching English, Social Forces and Linguistic Change, or
The Nature of Composition Studies: Historical, Institutional, Cultural Forces).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 723 Story Writing Seminar (3 crs)
Prerequisite: ENGL 611 or consent of instructor.
The study, creation, workshop evaluation and revision of stories.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 724 Poetry Writing Seminar (3 crs)
Prerequisite: ENGL 610, or consent of instructor
The study, creation, workshop evaluation and revision of poems.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 727 Studies in Scientific and Technical Communication (3 crs)
Theory and research on scientific and technical communication. Emphasis on
the role of current theory and research in informing best practices in textual
and graphic documentation.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 733 Studies in World/Postcolonial Literature (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theoretically focused seminar on a particular theme, genre, or historical period
from a geographical region other than Great Britain or North America (e.g., the
European Novel, Literature of the African Diaspora, or Postcolonial Fiction).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 743 Studies in North American Literature (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theoretically focused seminar on a particular ethnic group, race, culture, or
historical period in North America (e.g. Native Voices in American Literature,
African American Writing 1830-1900, or American Poetry: Whitman to Frost).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 753 Studies in British and Irish Literature (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theoretically focused seminar on a particular region, group, or period in Great
Britain (e.g. British Women Writers—seventeenth and eighteenth century,
Kailyard School of Scottish Fiction, Exile and the Irish Writer, or twentieth
century British Poetry).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 769 Studies in Figures and Groups (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theoretically focused seminar on a particular figure or literary group, including
investigation of philosophical and political background, cultural milieu, literary
influences, and critical reception (e.g. Shakespeare, Alice Walker, Thomas
Pynchon, the Beats, or the Brontes).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 779 Studies in Themes and Genres (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.
Theoretically focused seminar on a particular theme or genre that extends
beyond geographical boundaries and traditional literary periods (e.g., Evolution
of the Novel, Nineteenth Century Gothicism, Autobiography in Western
Literature, or Our Literary Foremothers).
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENGL 789 Studies in Theory and Culture (3 crs)
Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.
• See current Class Schedule for specific theme or topic.

Seminar exploring theoretical issues, historical or contemporary, with emphasis on critical application and implication (e.g. Cultural Studies Theory, Literary Post-Modernism, Theories of Degeneration in the British Novel, Film Noir, or Cultural Perspectives on Literacy).

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

ENGL 794 Graduate Apprenticeship: Teaching Theory and Practice (3 crs)
Prerequisite: Fifteen credits of graduate coursework
Consent: Instructor Consent Required
• Permission required by Faculty Supervisor and Graduate Program Director

Students will gain college classroom teaching preparation and experience under the supervision of a graduate faculty member teaching an undergraduate course. In addition, students will read within a select bibliography of texts on pedagogy.

Grading Basis: No S/U Grade Option

ENGL 796 Directed Studies (1-3 crs)
Permits a group of students to investigate a common topic under the direction of a department faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ENGL 797 Independent Study (1-3 crs)
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ENGL 799 Thesis (1-6 crs)
Consent: Department Consent Required
• Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

English As Second Language (ESL)

ESL 101 Integrated English Language Skills for Non-Native Speakers I (6 crs)
Consent: Department Consent Required
• Only open to non-native speakers of English.

This beginning level multi-skill ESL course is designed to cover the four skills of listening, speaking, reading, and writing, while giving systematic attention to grammar, pronunciation, and vocabulary.

Seminar Hours: 6

ESL 125 Cross-Culture Talk for ESL Students (3 crs)
• Only open to non-native speakers of English.

This course focuses on small group discussion with emphasis on social and academic situations applicable to the university environment.

Repeat: Course may be repeated for a maximum of 6 credits
Seminar Hours: 3

ESL 135 Focus on Reading and Writing (6 crs)
• Only open to non-native speakers of English.

This course, which focuses on the processes of reading and writing, will develop the basic reading and writing skills of non-native speakers of English.

Repeat: Course may be repeated for a maximum of 12 credits
Seminar Hours: 6

ESL 140 Beginning Pronunciation (3 crs)
• Only open to non-native speakers of English.

This course will improve students’ ability to hear, identify and clearly articulate the most important sounds and basic stresses and rhythms of American English. Listening skills, oral skills and the ability to clearly communicate simple messages will be enhanced.

Repeat: Course may be repeated for a maximum of 6 credits
Seminar Hours: 3

ESL 150 Exploring Regional Culture and History for ESL Learners (3 crs)
• Only open to non-native speakers of English.

This course is designed to use English language skills to introduce students to life in Wisconsin from yesterday to today.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Seminar Hours: 3
ESL 191 Beginning Special Topics for ESL Learners (3 crs)
• Only open to non-native speakers of English.
In-depth study of a special area in the learning of English as a Second Language for high-beginner or intermediate level English language learners only. Topics are specified in the Class Schedule.
Repeat: Course may be repeated for a maximum of 6 credits
Seminar Hours: 3

ESL 201 Integrated English Language Skills for Non-Native Speakers II (6 crs)
Consent: Department Consent Required
• Only open to non-native speakers of English.
This intermediate level multi-skill ESL course is designed to improve listening, speaking, reading, and writing skills as well as grammar, pronunciation, and vocabulary while preparing students for academic learning.
Seminar Hours: 6

ESL 205 Introduction to Academic Reading and Writing (6 crs)
• Only open to non-native speakers of English.
This course, which focuses on the processes of reading and writing, will develop the academic writing skills of non-native speakers of English.
Repeat: Course may be repeated for a maximum of 12 credits
Seminar Hours: 6

ESL 215 The Pronunciation of American English (3 crs)
• Only open to non-native speakers of English.
Designed for non-native speakers of English. To promote clear pronunciation for effective communication with a focus on comprehensibility to appropriate native-like target pronunciation. This course teaches ESL learners to hear, identify, and clearly articulate the sounds and patterns in spoken English.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ESL 260 Oral Presentation Skills for Non-Native Speakers of English (3 crs)
• Only open to non-native speakers of English. Field trip(s) optional.
This course is intended to equip ESL students with the pragmatic and linguistic tools necessary to communicate more effectively in English. The course is designed to provide them with meaningful oral communication practice and speaking solutions toward the improvement of interaction, presentation, and pronunciation skills.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ESL 275 Global Current Events Through News Media (2 crs)
• Only open to non-native speakers of English.
This course is designed for ESL students to improve listening, speaking, reading, writing, and vocabulary skills. Using a variety of news media, students will be required to read, research, and write about global current events.
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ESL 285 Advanced Listening and Notetaking Skills (2 crs)
• Only open to non-native speakers of English.
Prepares advanced-level ESL students for the demands of academic lecture comprehension and notetaking. Students will develop the ability to understand lectures and to take organized and comprehensible notes in academic content lessons.
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ESL 291 Special Topics for ESL Learners (1-3 crs)
• Only open to non-native speakers of English. Field trip(s) optional. See current Class Schedule for specific topic.
In-depth study of a special area in the learning of English as a Second Language.
Repeat: Course may be repeated for a maximum of 6 credits

ESL 301 Integrated English Language Skills for Non-Native Speakers III (6 crs)
Consent: Department Consent Required
• Only open to non-native speakers of English.
This advanced level multi-skill ESL course is designed to improve listening, speaking, reading, writing, and grammar skills while preparing students for further academic work or a career using English.
Seminar Hours: 6

ESL 305 Advanced Academic Writing (6 crs)
• Only open to non-native speakers of English.
This advanced-level course which focuses on the processes of reading and writing will prepare non-native speakers of English for success in academic writing in University-level courses.
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only
Seminar Hours: 6
ESL 310 Multicultural Literature for Non-Native Speakers of English (3 crs)
- Only open to non-native speakers of English.

Designed to develop analytical and critical thinking skills through the study of multicultural literature.

Attributes: Cultural Diversity 3 cr.
Lecture/Discussion Hours: 3

ESL 315 Advanced Pronunciation (3 crs)
- Only open to non-native speakers of English.

This course will improve students' ability to hear, identify and clearly articulate the sounds, stress patterns, intonation and rhythm of American English. Listening skills, oral skills, and clear communication with native speakers will be improved.

Repeat: Course may be repeated for a maximum of 6 credits
Seminar Hours: 3

ESL 320 Business English for Non-Native Speakers (3 crs)
- For advanced levels of English proficiency only. Field trip(s) optional.

Designed for non-native English speaking students. Intended to equip English language learners with the English writing, speaking, and listening skills necessary to communicate effectively on the job while building learners' English vocabulary for the business discourse domain.

Lab/Studio Hours: 0
Seminar Hours: 3

ESL 360 US Culture and Institutions for ESL Students (3 crs)
- Only open to non-native speakers of English.

This advanced-level language proficiency course is designed for ESL students to improve listening, speaking, reading, and writing skills while providing an introduction to the institutions and cultures of the U.S.A. and the implications these have on how Americans think and behave both nationally and internationally.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3

ESL 391 Professional English Advanced Special Topics for ESL Learners (1-3 crs)
- For non-native English speakers only.

In-depth study of a special area in the learning of English as a Second Language. This special topics course is for advanced level English language learners only. Topics specified in the Class Schedule.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

Environmental Public Health (ENPH)

ENPH 110 Introduction to Environmental Health (3 crs)
- A basic understanding and interest in science is recommended prior to enrollment in this course. Wellness for one credit.

Health-oriented problems in the environment with attention directed to air and water pollution, solid waste, housing, occupational health and safety, food sanitation, animal zoonoses, ecology of health and disease, radiological health, energy, and global environmental health.

Attributes: Wellness Theory, GE IIF Natural Science-Interdisciplinary Studies, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 115 Global Environmental and Public Health (3 crs)
Explores endemic and emerging health issues affecting global populations. Aims to familiarize students with adverse health outcomes associated with global socio-economic disparities.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 150 Disease Detectives: Epidemics and Data (3 crs)
Prerequisite: MATH 20 or Placement in MATH 104 or above. No credit if taken after ENPH 450.

Introduction to disease outbreak investigation. Epidemiology as a scientific way of thinking using non-intensive mathematics including examples from current events.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 225 Introduction to Public Health (3 crs)
- Wellness for one credit. Credit may not be earned in both ENPH 225 and NRSG 225.

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socio-economic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENPH 291 Special Topics (1-3 crs)
Consent: Instructor Consent Required
A variable content course consisting of topics of special interest to students and faculty that are not covered in other environmental health courses.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

ENPH 322 Radiological Health (3 crs)
Prerequisite: PHYS 211 and PHYS 212
Provides an overview of the types of radiation, sources, measurement and control of ionizing and nonionizing radiation, medical uses, protection from exposure, and current topics such as food irradiation, and nuclear power and weapons.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 397 Student Academic Apprenticeship (1-2 crs)
Prerequisite: Limited to environmental public health majors.
Consent: Instructor Consent Required
Experience for qualified students to facilitate teaching and learning in ENPH courses. Students develop and enhance knowledge in ENPH and their abilities to communicate that knowledge to other students.
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1-2
Lab/Studio Hours: 0

ENPH 399 Independent Study (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
An opportunity for students to pursue an environmental research topic of their choice in collaboration with a faculty mentor.
Repeat: Course may be repeated

ENPH 422 Radiation, Air Pollution and Health (3 crs)
Prerequisite: PHYS 212 or PHYS 232; CHEM 103 or CHEM 105 and CHEM 106. No credit if taken after ENPH 322
Safety and health implications of ionizing radiation and human and environmental health consequences of air pollution in the context of public health.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 432 Preparation for Practicum (2 crs)
Prerequisite: Limited to environmental public health majors. Minimum junior standing.
An interactive course covering expectations during practicum, presentations on various areas of environmental health practice, opportunities for shadowing, preparation of resumes, practice interviewing.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ENPH 435 Practicum in Environmental Public Health (3 crs)
Prerequisite: ENPH 432. Minimum junior standing.
Consent: Instructor Consent Required
A full-time supervised 10-week internship experience in an approved governmental agency, industry, or consulting company.
Attributes: LE-I1 Integration, Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 441 Water and Wastewater (3 crs)
Prerequisite: ENPH 110; BIOL 111 or BIOL 151; and CHEM 104 or CHEM 109 or CHEM 115 or consent of instructor.
Investigative procedures, sampling techniques, analysis and treatment of water and wastewater. Emphasis on water pollution, aquatic nuisances, drinking water quality, on-site waste disposal, municipal and industrial wastewater treatment, private wells, and groundwater contamination.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ENPH 443 Microbial Safety of Food (4 crs)
Prerequisite: BIOL 250, BIOL 306, or BIOL 361 or concurrent registration in any of these three courses. No credit if taken after ENPH 442.
Principles of food microbiology including common foodborne pathogens, strategies to protect the food supply, environmental sanitation, regulations, and HACCP. Environmental sampling of food and milk, common laboratory tests.
Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

ENPH 445 Hazardous and Solid Waste Management (3 crs)
Examination of the generation, use, handling, and storage of solid waste, and of materials posing significant chemical, biological, and radiological risks to health. Several field trips will supplement in-class learning.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENPH 450 Epidemiology (3 crs)
Prerequisite: MATH 245 or MATH 246 or PSYC 265
Fundamentals of epidemiology including measures of morbidity and mortality, descriptive epidemiology, and principles of epidemiologic study design. Selected topics related to infectious disease, chronic disease, and environmental epidemiology are included.
Attributes: GE V University Wide
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 460 Fundamentals of Industrial Hygiene (3 crs)
Prerequisite: ENPH 110 and MATH 246.
The recognition, evaluation, and control of chemical, physical, biological and ergonomic stresses that may cause sickness or impaired health to employees or residents of the community.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 464 Occupational Safety Management (3 crs)
- Access to computer with Internet access, some familiarity with Internet use, some familiarity with workplace safety issues. No credit if taken after ENPH 495 the spring of 2001.
Recognition and control of safety hazards in various workplaces, basic safety theory, applicable health and safety regulations, and ethical obligations. Behavioral change techniques. Opportunity for students to research specific workplace settings and issues.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 476 Vector-Borne Disease Control (3 crs)
Prerequisite: BIOL 151, BIOL 214, BIOL 221, BIOL 250, or consent of instructor.
Vector-borne disease health effects, identification of vectors and pests, and approaches for preventing vector-borne disease globally, nationally and regionally.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 490 Environmental Toxicology and Risk Assessment (3 crs)
Prerequisite: BIOL 211 or 111, ENPH 110 or 210, CHEM 325 or consent of instructor.
Examination of the principles, theories, and applications of human environmental toxicology through investigation of chemical, cellular, physiological, environmental, and ecological levels. Introduction to contemporary health risk assessment methods.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENPH 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required
A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other environmental health courses.
Repeat: Course may be repeated for a maximum of 6 credits

ENPH 495 Directed Studies (1-3 crs)
Consent: Department Consent Required
Permits the student to pursue a defined organized study of a problem in an intensive way under the direction of a department of public health professions staff member.
Repeat: Course may be repeated

ENPH 499 Independent Study (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
An opportunity for senior students to pursue an environmental topic of their choice. A detailed project report will be required.
Repeat: Course may be repeated

Environmental Studies (ENV)

ENV 101 Sustainability Basics and Beyond (4 crs)
Examine key social drivers that facilitate or limit the sustainability of communities by integrating concepts and skills with personal experience.
Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-K2L Social Sciences with Lab, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

ENV 140 Water Problems, Water Solutions (3 crs)
This course introduces students to the political, social, and environmental challenges of water use and management in the United States and worldwide.
Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 291 Special Topics - Environmental Studies (1-3 crs)
A variable content course designed to allow a breadth of exposure to topics in environmental and/or sustainability studies selected because of special interest on the part of students or faculty. May include field trips.
Repeat: Course may be repeated for a maximum of 6 credits
ENV 310 Sustainable Cities (3 crs)
Using Portland, Oregon, as a case study, the course will explore sustainable cities from the perspective of health, the environment, and social cohesion.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 330 Waste & Society: Energy, Food, and Efficiency (3 crs)
Examines a feature of the environment often overlooked: waste. Students will draw on literature, sociology, history, and political science to understand the place of waste in the contemporary world.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 346 American Environmental History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both ENV 346 and HIST 346. No credit if taken after HIST 491 when offered as American Environmental History.
Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Seminar Hours: 3

ENV 377 U.S. Environmental and Sustainability Policy (3 crs)
- Credit may not be earned in both ENV 377 and GEOG 377.
Students will study U.S. environmental and sustainability law and policy to assess the roles of science, key actors, and values in policymaking.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 378 International Environmental Problems and Policy (3 crs)
- Credit may not be earned in both GEOG 378 and ENV 378.
Examination of the threats to the global environment and the response of the international community.

Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
ENV 546 American Environmental History (3 crs)
- Cross-listed with ENV 346 and HIST 346/HIST 546. Credit may only be earned in one of these courses. No credit if taken after HIST 491 when offered as American Environmental History.

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

Finance (FIN)

FIN 135 Personal Finance (3 crs)
- Not open to juniors and seniors in the College of Business. No credit toward the finance major.

Concepts inherent in personal finance. Units presented include career planning, budgeting, banking, saving, credit, insurance, annuities, investments, taxes, and estate planning.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 210 Service-Learning in Finance (1 cr)
Consent: Instructor Consent Required
- No credit toward finance major.

Students must complete a minimum of 15 hours of volunteer service. Service must be approved by faculty supervisor. A journal must be kept throughout project documenting service-learning project. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

FIN 296 Topics in Finance (1-3 crs)
Prerequisite: Limited to finance majors and minors only.
Covers a variety of topics to be determined by faculty interest and student demand.
Repeat: Course may be repeated for a maximum of 6 credits

FIN 310 Financial Literacy Program (1 cr)
Prerequisite: FIN 320
Course provides students with instruction in basic financial literacy. Students will mentor clients in financial literacy. Students provide workshops and one-on-one mentoring.

Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

FIN 320 Principles of Finance (3 crs)
Prerequisite: ECON 103 and ECON 104, ACCT 201.
Study of the techniques used to make investment, financing, and dividend decisions in order to maximize the value of the firm to its owners. Topics include financial planning and control, working capital management, capital budgeting, capital structure, cost of capital, dividend policy, and international finance.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 321 Financial Markets and Institutions (3 crs)
Prerequisite: FIN 320, BSAD 202 or MATH 246 or MATH 346. Finance majors and minors only.
A study of the U.S. financial system. Topics include the Federal Reserve System, term structure of interest rates, financial markets, instruments and financial institutions including regulation of commercial banks.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 322 Investments (3 crs)
Prerequisite: FIN 320, BSAD 202 or MATH 246 or MATH 346. Finance majors and minors only.
Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 325 International Financial Management (3 crs)
Prerequisite: FIN 320
An introduction to the international elements of a business’s operating environment. Topics include global economic factors, risk management, cost of capital, capital budgeting, and financing in a global environment.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 326 Short Term Financial Management (3 crs)
Prerequisite: FIN 320. Limited to finance majors and minors only.
This course requires access to a laptop computer which can be brought to class when required.
Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
FIN 327 Long Term Financial Management (3 crs)  
Prerequisite: FIN 320, BSAD 202 or MATH 246 or MATH 346. Finance majors/minors and Math-actuarial majors only.  
•This course requires access to a laptop computer which can be brought to class when required.  

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.  

Attributes: Undergraduate/Graduate Offering  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

FIN 328 Introduction to Derivative Securities (3 crs)  
Prerequisite: FIN 320, 321, BSAD 202 or MATH 246 or MATH 346. Finance majors and minors.  
Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.  

Attributes: Undergraduate/Graduate Offering  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

FIN 330 Wealth Management (3 crs)  
Prerequisite: FIN 320, BCOM 206, 207  
Understand the breadth of the individual wealth management process and the wealth management profession.  

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

FIN 339 Investment Strategy (3 crs)  
Prerequisite: Limited to finance majors and minors, actuarial science majors and minors. Minimum junior standing.  
Consent: Department Consent Required  
•Student must apply to the course and will be notified of acceptance prior to registration.  

The course provides a select group of students the opportunity to obtain experience in the process of managing an investment portfolio.  

Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

FIN 371 Introduction to Insurance (3 crs)  
Prerequisite: Minimum junior standing.  
Emphasis on the individual consumer's and risk manager's viewpoint in dealing with risk through insurance and other techniques.  

Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

FIN 395 Finance Internship I (1-3 crs)  
Prerequisite: FIN 320. Finance majors only.  
Consent: Department Consent Required  
Internship experience in business situations relevant to the finance major under supervision of a faculty member.  

Attributes: LE-I1 Integration, Internship, Special Course Fee Required  
Grading Basis: A-F Grades Only

FIN 396 Topics in Finance (1-3 crs)  
Prerequisite: Limited to finance majors and minors only.  
Covers a variety of topics to be determined by faculty interest and student demand.  
Repeat: Course may be repeated

FIN 399 Independent Study Projects (1-4 crs)  
Prerequisite: Minimum junior standing.  
Consent: Department Consent Required  
Individual project under the direction of a faculty member.  
Repeat: Course may be repeated for a maximum of 2 credits  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

FIN 410 Advanced Financial Literacy Program (1 cr)  
Prerequisite: FIN 310.  
Consent: Instructor Consent Required  
Students will assist with financial literacy training, financial literacy program development, and client recruitment. Students will mentor clients in financial literacy. Students provide workshops and one-on-one mentoring.  

Attributes: Service-Learning, Half 15 Hours  
Repeat: Course may be repeated for a maximum of 2 credits  
Grading Basis: A-F Grades Only  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

FIN 420 Corporate Valuation (3 crs)  
Prerequisite: FIN 327/FIN 527, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.  
•This course requires access to a laptop computer which can be brought to class when required.  

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.  

Attributes: Undergraduate/Graduate Offering  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0
FIN 424 Portfolio Management (3 crs)
Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.
Students will create and manage mock portfolios to learn asset allocation, portfolio construction, and management methods. Other topics include developing investment policies, the psychology of portfolio choices, ethics, and standards of practice in portfolio management.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 425 Commercial Bank Management (3 crs)
Prerequisite: FIN 321/FIN 521 or ECON 321, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.
This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case-oriented analysis of asset and liability management techniques.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 426 Topics in Finance (1-3 crs)
Prerequisite: BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.
Covers a variety of advanced topics to be determined by faculty interest and student demand.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

FIN 428 Advanced Derivative Securities (3 crs)
Prerequisite: FIN 328/FIN 528, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.
Quantitative analysis and pricing of derivative instruments and contracts.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 429 Advanced Wealth Management (3 crs)
Prerequisite: FIN 330. Limited to finance majors and minors
Advanced issues in financial planning are analyzed by means of case studies, readings and class discussion.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 434 Portfolio Theory (3 crs)
Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.
Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 439 Advanced Investment Strategy (3 crs)
Prerequisite: Limited to finance majors and minors, actuarial science majors and minors. Minimum junior standing. Requires department consent.
Consent: Department Consent Required
- Student must apply to the course and will be notified of acceptance prior to registration.
The course provides a select group of students the opportunity to expand their experience in the process of managing an investment portfolio as a senior analyst.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 490 Finance Honors Seminar (1 cr)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
An in-depth analysis of relevant finance topics adapted to student needs with emphasis on understanding relationships between different areas of finance.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

FIN 495 Finance Internship II (1-12 crs)
Prerequisite: FIN 320. Limited to finance majors. Minimum junior standing.
Consent: Department Consent Required
- A maximum of twelve credits.
Internship experience in business situations relevant to the finance major under supervision of a faculty member.
Attributes: LE-I1 Integration, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only

FIN 499 Independent Study Projects (1-4 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
FIN 521 Financial Markets and Institutions (3 crs)
Prerequisite: Limited to MBA students.
  • Cross-listed with FIN 321. Credit may not be earned in both courses.

A study of the U.S. financial system. Topics include the Federal Reserve System, term structure of interest rates, financial markets, instruments and financial institutions including regulation of commercial banks.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 522 Investments (3 crs)
Prerequisite: Limited to MBA students.
  • Cross-listed with FIN 322. Credit may not be earned in both courses.

Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 525 International Financial Management (3 crs)
Prerequisite: Limited to MBA students.
  • Cross-listed with FIN 325. Credit may not be earned in both courses.

An introduction to the international elements of a business’s operating environment. Topics include global economic factors, risk management, cost of capital, capital budgeting, and financing in a global environment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 526 Short Term Financial Management (3 crs)
Prerequisite: Limited to MBA students.
  • Cross-listed with FIN 326. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 527 Long Term Financial Management (3 crs)
Prerequisite: Limited to MBA students.
  • Cross-listed with FIN 327. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 528 Introduction to Derivative Securities (3 crs)
Prerequisite: FIN 320. Limited to MBA students.
  • Cross-listed with FIN 328. Credit may not be earned in both courses.

Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 620 Corporate Valuation (3 crs)
Prerequisite: FIN 327/FIN 527, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 420. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 624 Portfolio Management (3 crs)
Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 424. Credit may not be earned in both courses.

Students will create and manage mock portfolios to learn asset allocation, portfolio construction, and management methods. Other topics include developing investment policies, the psychology of portfolio choices, ethics, and standards of practice in portfolio management.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
FIN 625 Commercial Bank Management (3 crs)
Prerequisite: FIN 321/FIN 521 or ECON 321, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 425. Credit may not be earned in both courses.

This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case-oriented analysis of asset and liability management techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 626 Topics in Finance (1-3 crs)
Prerequisite: BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 426.

Covers a variety of advanced topics to be determined by faculty interest and student demand.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

FIN 628 Advanced Derivative Securities (3 crs)
Prerequisite: FIN 328/FIN 528, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 428. Credit may not be earned in both courses.

Quantitative analysis and pricing of derivative instruments and contracts.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 629 Wealth Management (3 crs)
Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 429. Credit may not be earned in both courses.

Understand the individual wealth management process including investment policy statements, asset allocation, implementation and performance evaluation; understand alternative asset classes; understand wealth preservation and protection; understand individual investor behavior.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 634 Portfolio Theory (3 crs)
Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 434. Credit may not be earned in both courses.

Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 639 Investment Strategy (3 crs)
Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to MBA students.
  • Cross-listed with FIN 439. Credit may not be earned in both courses.

Application of security selection and portfolio construction. Involvement in the management of an actual portfolio.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 720 Foundations of Managerial Finance (2 crs)
Prerequisite: ACCT 703 or equivalent. Limited to MBA students.
  • Not for MBA degree credit.

Overview of fundamental issues and concepts in finance. Designed for graduate students in business who have no previous background in finance.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

Foreign Language (FLG)

FLG 101 Beginning Foreign Language I (4 crs)
Foundation in a foreign language not regularly offered at UWEC, including listening, speaking, reading, and cultural background.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

FLG 102 Beginning Foreign Language II (4 crs)
Prerequisite: FLG 101, Beginning Foreign Language I, (same language) or equivalent, as established by written documentation or placement test.
Continuation of Foreign Language 101, Beginning Foreign Language I.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

FLG 150 Foreign Civilization and Culture (3 crs)
Introduction to the culture and civilization of a foreign people or society. Students will learn about the society’s historical background, its traditions and customs, and its main cultural expressions.
Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
FLG 165 Amish in North America (3 crs)
Introduction to the history, culture, religion, beliefs, customs, rituals, language, and society of the Old Order Amish in North America, with the goal of enhancing understanding of another and one's own culture.

Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-I1 Integration, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FLG 201 Intermediate Foreign Language I (4 crs)
Prerequisite: FLG 102 or equivalent (same language), as established by written documentation or placement test.
Review and expansion of grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills, as well as on the culture represented by the language.

Attributes: GE IA Communication-Language Arts
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FLG 202 Intermediate Foreign Language II (4 crs)
Prerequisite: FLG 201 or equivalent (same language), as established by written documentation or placement test.
Continuation of Foreign Language 201 (review and expansion of grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills, as well as on the culture represented by the language).

Attributes: GE IA Communication-Language Arts
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FLG 275 Off-campus Experience (1-3 crs)
Prerequisite: Minimum resident and total GPA of 2.80.
Consent: Instructor Consent Required

• Must be supervised by a faculty member in the Department of Foreign Languages.

This off-campus experience course enables students to take part, under UWEC faculty supervision, in entry-level internships and other guided or structured learning experiences in or centered on a foreign language, country, or culture.

FLG 365 Special Topics in Teaching English to Speakers of Other Languages (3 crs)
Prerequisite: Limited to TESOL or TEFL Minor.
In-depth study of various topics related to the field of Teaching English to Speakers of Other Languages (TESOL), which may include Pedagogical Grammar, Psycholinguistics, and ESL Literacy Instruction.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FLG 375 Internship Experience (3-6 crs)
Prerequisite: Minimum resident and total GPA of 2.50.
Consent: Instructor Consent Required

• Must be supervised by a faculty member in the Department of Foreign Languages.

This internship course allows students to design international and national field experiences under the supervision of a faculty member. The student may conduct field research or projects, teach a language, or other productive, academic, or professional activity pertinent to their designated focus area.

Attributes: Service-Learning Optional, Internship

FLG 378 Second Language Acquisition Theory (3 crs)
This course will help practicing and prospective teachers to understand and apply current research in second language acquisition. Students will explore the many factors that affect school performance of second language learners.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FLG 395 Directed Studies (1-4 crs)
Consent: Department Consent Required
Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

FLG 395 Directed Studies (1-4 crs)
Consent: Department Consent Required
Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

FLG 565 Special Topics in Teaching English to Speakers of Other Languages (3 crs)
• Cross-listed with FLG 365.

In-depth study of various topics related to the field of Teaching English to Speakers of Other Languages (TESOL), which may include Pedagogical Grammar, Psycholinguistics, and ESL Literacy Instruction.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FLG 595 Directed Studies (1-4 crs)
Consent: Department Consent Required

• Cross-listed with FLG 395.

Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites/Notes</th>
<th>Description</th>
<th>Attributes</th>
<th>Grading Basis</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLG 778 Theories of Second Language Learning and Acquisition (3 crs)</strong></td>
<td>3</td>
<td>Prerequisite: No credit if taken after FLG 378</td>
<td>The study of linguistic, cognitive, and social factors which influence the development of a second language. Applications to Teaching of English to Speakers of Other Languages (TESOL), bilingual education, and foreign language education.</td>
<td></td>
<td>No S/U Grade Option</td>
<td>3</td>
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<tr>
<td><strong>FLTR 250 Classical Mythology (3 crs)</strong></td>
<td>3</td>
<td>Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives</td>
<td>Greek and Roman myths and legends that have an important place in Western culture. Given in English.</td>
<td></td>
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<td>3</td>
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<tr>
<td><strong>FLTR 330 Chinese Culture through Films (3 crs)</strong></td>
<td>3</td>
<td>• No credit if taken after FLTR 392 when offered as Chinese Film and Culture.</td>
<td>Introduction to Chinese culture through various genres of films and discussion on cultural aspects, with the goal to develop cultural understanding.</td>
<td>Attributes: LE-K3 Humanities, Undergraduate/Graduate Offering</td>
<td></td>
<td>3</td>
<td>0</td>
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<tr>
<td><strong>FLTR 350 Latin American Literature in Translation (3 crs)</strong></td>
<td>3</td>
<td>• Credit may not be earned in both FLTR 350 and LAS 350.</td>
<td>This course introduces students to Latin American authors and their writings in a historical and social context.</td>
<td>Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering</td>
<td></td>
<td>3</td>
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<tr>
<td><strong>FLTR 360 Readings in Ancient Literature (3 crs)</strong></td>
<td>3</td>
<td>Prerequisite: Minimum junior standing.</td>
<td>An umbrella course. Intensive reading, discussion, and analysis of literary works from the ancient world in English translation. Specific course offerings might include The Ancient Epic, Greek Tragedy, or Readings in Ancient Greek Literature.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td></td>
<td>3</td>
<td>0</td>
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<tr>
<td><strong>FLTR 392 Foreign Film as Cultural Expression (3 crs)</strong></td>
<td>3</td>
<td>Attributes: Foreign Culture, GE IVD Humanities-Literature</td>
<td>Foreign film as a distinct medium of artistic expression of the social, historical, cultural values and perspectives of a society.</td>
<td></td>
<td>Grading Basis: A-F Grades Only</td>
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<tr>
<td><strong>FLTR 491 Special Topics (1-3 crs)</strong></td>
<td>1-3</td>
<td>Prerequisite: May require a prerequisite dependent upon the topic.</td>
<td>In-depth study of a particular topic of interest to faculty and students. Topics may be specific themes, periods, or geographic areas.</td>
<td></td>
<td>Repeat: Course may be repeated for a maximum of 6 credits</td>
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<tr>
<td><strong>FLTR 530 Chinese Culture through Films (3 crs)</strong></td>
<td>3</td>
<td>• Cross-listed with FLTR 330</td>
<td>Introduction to Chinese culture through various genres of films and discussion on cultural aspects, with the goal to develop cultural understanding.</td>
<td></td>
<td>Grading Basis: A-F Grades Only</td>
<td>4</td>
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<tr>
<td><strong>FLTR 550 Latin American Literature in Translation (3 crs)</strong></td>
<td>3</td>
<td>• Cross-listed with FLTR 350 and LAS 350/LAS 550. Credit may only be earned in one of these courses.</td>
<td>This course introduces students to Latin American authors and their writings in a historical and social context.</td>
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<tr>
<td><strong>FLTR 560 Readings in Ancient Literature (3 crs)</strong></td>
<td>3</td>
<td>Consent: Instructor Consent Required.</td>
<td>An umbrella course. Intensive reading, discussion, and analysis of literary works from the ancient world in English translation. Specific course offerings might include The Ancient Epic, Greek Tragedy, or Readings in Ancient Greek Literature.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td></td>
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</tbody>
</table>
French (FREN)

FREN 101 Beginning French (4 crs)
Prerequisite: Placement test required.
A foundation in listening, speaking, reading, writing, and cultures of the French-speaking world for the acquisition of basic communicative skills.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FREN 102 Beginning French (4 crs)
Prerequisite: FREN 101 or suitable placement score on the French Placement Exam.
A continued foundation in language and culture for the strengthening of basic communicative skills in preparation for the intermediate sequence.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FREN 201 Intermediate French (4 crs)
Prerequisite: FREN 102 or suitable placement score on the French Placement Exam.
A development in listening, speaking, reading, writing, and cultures of the French-speaking world for the acquisition of expanded communicative skills.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FREN 202 Intermediate French (4 crs)
Prerequisite: FREN 201 or suitable placement score on French Placement Exam.
A continued development in language and culture for the acquisition of expanded communicative skills in preparation for upper division classes.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

FREN 315 Advanced Grammar in Context (3 crs)
Prerequisite: FREN 202 or suitable placement score on French Placement Exam.
A comprehensive review of the whole of French grammar, with practical application in speech and writing.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 325 Pronunciation (3 crs)
Prerequisite: FREN 202 or suitable score on French Placement exam
A study of the spelling-to-sound system through the interpretation of original authentic resources to increase listening and speaking accuracy.

Attributes: Foreign Culture, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 335 Written and Oral Expression (3 crs)
Prerequisite: FREN 315. No credit if taken after FREN 301 and FREN 310.
Intensive practice in oral and written French.

Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 340 Professional Communication (3 crs)
Prerequisite: FREN 315. No credit if taken after FREN 395 when offered as French for Business in the Spring of 2008.
A focus on specialized language and practices in the French-speaking professional world for increased communicative and cultural competence.

Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 345 Introduction to Literary Analysis (3 crs)
Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.
Course may be taken once at UW-Eau Claire and once during study abroad.

Reading of selected poems, plays, and prose fiction; practice in writing critical analyses.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 354 History of French Civilization (3 crs)
Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.
French history and civilization from pre-history to the Third Republic; the course focuses on the links between political, social, intellectual, and artistic developments.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 355 Contemporary French Civilization (3 crs)
Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.
France from 1870 to the present: the country, its people, institutions, art, and culture.

Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
FREN 361 Survey of French Literature I (3 crs)
Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.
• Course may be taken once at UW-Eau Claire and once during study abroad.
Masterpieces of literature prior to the French Revolution.
Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 362 Survey of French Literature II (3 crs)
Prerequisite: FREN 345, or 300 level language proficiency, or consent of instructor.
• Course may be taken once at UW-Eau Claire and once during study abroad.
Masterpieces of literature since the French Revolution.
Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Study of a problem or special area in French language, culture, or literature.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

FREN 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

FREN 401 Discussions on Contemporary Societal Issues (3 crs)
Prerequisite: FREN 315, FREN 325
• Course may be taken once at UW-Eau Claire and once during study abroad.
Prerequisite: FREN 315; FREN 325; or consent of instructor. A development of advanced oral proficiency via conversations and debates on societal issues and roles of French-speaking institutions and individuals.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 430 Environmental and Linguistic Diversity (3 crs)
Prerequisite: FREN 315; FREN 325
A cross-continental exploration of Francophone cultures with a focus on language, history, geography, and challenges to manage and conserve resources.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 450 Francophone Literature (3 crs)
Prerequisite: FREN 361 or FREN 362.
• No credit if taken after FREN 491 when offered as the same topic, Francophone Literature.
French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 491 Special Topics (1-3 crs)
Prerequisite: FREN 315; FREN 325; or consent of instructor
• Only nine credits may count toward the major or minor. See current Class Schedule for specific topic.
In-depth study of a theme relevant to the French-speaking world.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits

FREN 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

FREN 555 Contemporary French Civilization (3 crs)
Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.
• Cross-listed with FREN 355.
France from 1870 to the present: the country, its people, institutions, art, and culture.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
FREN 561 Survey of French Literature I (3 crs)
Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.
- Cross-listed with FREN 361. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature prior to the French Revolution.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 562 Survey of French Literature II (3 crs)
Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.
- Cross-listed with FREN 362. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature since the French Revolution.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with FREN 395.

Study of a problem or special area in French language, culture, or literature.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

FREN 601 Discussions on Contemporary Societal Issues (3 crs)
Prerequisite: FREN 315, FREN 325. Instructor consent required
Consent: Instructor Consent Required
- Cross-listed with FREN 401. Course may be taken once at UW-Eau Claire and once during study abroad.

A development of advanced oral proficiency via conversations and debates on societal issues and roles of French-speaking institutions and individuals.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 630 Environmental and Linguistics Diversity (3 crs)
Prerequisite: FREN 315; FREN 325
- Cross-listed with FREN 430.

A cross-continental exploration of Francophone cultures with a focus on language, history, geography, and challenges to manage and conserve resources.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 650 Francophone Literature (3 crs)
Prerequisite: FREN 361/FREN 561 or FREN 362/FREN 562.
- Cross-listed with FREN 450. Credit may not be earned in both courses. No credit if taken after FREN 491/FREN 691 when offered as the same topic, Francophone Literature.

French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FREN 691 Special Topics (1-3 crs)
Prerequisite: FREN 315; FREN 325; or consent of instructor
Consent: Instructor Consent Required
- Cross-listed with FREN 491. See current Class Schedule for specific topic.

In-depth study of a theme relevant to the French-speaking world.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

FREN 797 Independent Study (1-3 crs)
Consent: Instructor Consent Required
Independent study projects under direction of faculty members.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

General Arts & Sciences (GEN)

GEN 100 Foundations for Academic Success (1-3 crs)
Consent: Department Consent Required
- No credit toward any major or minor. Elective credit only.

An integrated program introducing students to University resources and college success strategies. The program assists students in intellectual, personal, and social development to improve retention and academic performance.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
GEN 102 College Learning Strategies (1-2 crs)
Consent: Department Consent Required
• No credit toward any major or minor. Elective credit only.

An introduction to University reading and learning strategies necessary for success in social science and humanities courses. Strategies include text reading methods, note taking systems, time management, examination preparation, test-taking strategies, and overcoming test anxiety.

GEN 103 Critical Thinking (2 crs)
Consent: Department Consent Required
• No credit toward any major or minor. Elective credit only.

Development of the higher level critical reading, writing, and thinking skills—application, analysis, evaluation and synthesis—necessary for academic success in a variety of university disciplines.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEN 110 Strategies for Academic Success (2 crs)
Consent: Department Consent Required
• No credit toward any major or minor. Elective credit only.

Designed to assist student development of successful academic and personal strategies necessary to meet demands at the college level by formulating educational goals, examining effective learning strategies, and making informed decisions.

Repeat: Course may be repeated for a maximum of 2 credits
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEN 201 Student Success Seminar (2 crs)
Consent: Department Consent Required
A course designed to increase retention and graduation of students on probation after suspension by identifying factors leading to academic difficulty, assessing academic strengths and weaknesses, building critical thinking strategies, and creating student development plans.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEN 250 Academic and Career Exploration (1 cr)
Consent: Instructor Consent Required

Designed to give students the skills to make informed choices about their lives, education, and careers. Includes career development theory, interpretations of self-assessment instruments, occupational research techniques, examination of a liberal arts-based education, and goal-setting strategies.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

GEN 260 Graduate School Exploration (1 cr)
Prerequisite: Minimum sophomore standing. For Student Support Services participants only.
Consent: Instructor Consent Required
This course is designed to help Student Support Services participants make informed decisions pertaining to advanced degrees and to maximize potential for lifelong professional development.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

Geography (GEOG)

GEOG 104 The Physical Environment (4 crs)
Introduction to the spatial relations and interactions among the Earth’s dynamic systems—atmosphere, biosphere, lithosphere, and hydrosphere (weather, climate, landforms, soils, and ecosystems).

Attributes: GE IIC Natural Science-Geography, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 111 Human Geography (3 crs)
The basic elements, processes, distributions, and problems associated with cultural groups: their principal ways of life, interrelationships with the natural environment, and socio-cultural diversity. Topics include: population, race, language, religion, political ideologies, and economic systems.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 135 Introduction to Geospatial Analysis (3 crs)
Introduces foundations of geospatial technology and spatial thinking using real world environmental and social case studies. Key geographic issues will be explored through the utilization of geospatial technology.

Attributes: GE IIC Natural Science-Geography, LE-S3 Creativity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 155 Economic Geography (3 crs)
Classical location models of production, exchange, consumption, and development with special emphasis on the space economy of the United States.

Attributes: GE IIIC Social Science-Geography
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 178 Conservation of the Environment (3 crs)
Prerequisite: No credit after BIOL 180
• Satisfies requirement for Wisconsin teaching licensure in science and social science.
The use and abuse of environmental resources and the problems involved in their management and conservation.
Attributes: GE IIC Natural Science-Geography, LE-I1 Integration, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 188 Cultural Landscapes of North America (3 crs)
Explores the cultural landscapes of North America, with attention to rural-urban differences, cross-national comparisons, and landscapes of the past, present, and future.
Attributes: Cultural Diversity 2 cr., GE IIC Social Science-Geography, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 200 Foundations of Geography (3 crs)
Prerequisite: Limited to Geography majors and minors and Geospatial Analysis and Technology majors
An introduction to the foundations, principles and primary geospatial techniques and analyses used in geography.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 213 Critical Approaches to Information & Research (2 crs)
Introduces natural and social science students to information literacy and research. Critically evaluates information and how it is generated, disseminated, and filtered.
Attributes: GE V University Wide, LE-I1 Integration
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEOG 270 Land Use issues and Problems (3 crs)
Basic concepts and philosophies of land use, including techniques and methodology of land use analysis.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 280 Cartographic Design (3 crs)
• GEOG 200 is recommended prior to enrollment in this course.
The elements of cartography. Emphasis on the graphic expression of geographical and statistical data for reproduction on maps.
Attributes: LE-I1 Integration, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 301 Geography of Western Europe (3 crs)
Europe west of the former Soviet Bloc countries, with emphasis on physical, biotic, and cultural themes which unify the region. Includes the national level of regionalization. Utilizes aspects of history, politics, literature, and physical geography.
Attributes: Foreign Culture, GE IIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 304 Introduction to Geomorphology (4 crs)
Prerequisite: GEOG 104 or GEOL 106 or GEOL 110 or GEOL 115.
An introduction to physical processes that affect the Earth's surface and the landforms that result. The techniques of investigating landforms (field/ laboratory) and the fundamentals of communicating the results will be covered.
Attributes: LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOG 308 Geography of Russia and Eastern Europe (3 crs)
Examination of natural and human resources, economic and political organization of Eastern Europe and the former Soviet Union. Special attention to ideological and institutional problems of population growth, nationalities, and regional development.
Attributes: Foreign Culture, GE IIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 312 Space, Society, Subject (3 crs)
Prerequisite: Sophomore standing or instructor consent
• Credit may not be earned in both ANTH 312 and GEOG 312.
Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.
Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Seminar Hours: 0

GEOG 320 Geography of Russia and Eastern Europe (3 crs)
GEOG 313 Culture and Transnational Dynamics (3 crs)
Prerequisite: Minimum sophomore standing or instructor consent. Credit may not be earned in both ANTH 313/GEOG 313 ANTH 513/GEOG 513 and ANTH 351/GEOG 351.
• Credit may not be earned in both ANTH 313 and GEOG 313.
Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 319 Geography of the Middle East and North Africa (3 crs)
Examination of the physical, cultural, economic, and political geography of the Middle East and North Africa. Emphasis placed on understanding the region’s people, places, cultures, nature-society relationships, and the roots of conflict.
Attributes: Foreign Culture, GE IIIC Social Science-Geography, Field Trip(s) Required, Special Course Fee Required.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 321 Geography of Latin America (3 crs)
• Credit may not be earned in both GEOG 321 and LAS 321.
The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.
Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 322 Native Geographies (3 crs)
• Credit may not be earned in both GEOG 322 and AIS 322.
The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.
Attributes: Cultural Diversity 3 cr., GE IIIC Social Science-Geography, LE-DDIV Design for Diversity, LE-II Integration, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 325 Geography of the United States and Canada (3 crs)
Introduces geographic concepts of region, nature-society relationships and spatial organization to compare and contrast Canada, the United States, and places within them. Maps used to explore and understand spatial patterns in the human experience and physical environment.
Attributes: Cultural Diversity 1 cr., GE IIIC Social Science-Geography, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 326 Geospatial Field Methods (3 crs)
Prerequisite: GEOG 335
Consent: Instructor Consent Required
Project-based hands-on learning will teach students field data collection techniques/methods for those interested in a career involving geospatial issues. Traditional and advanced geospatial technology are implemented in the course.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required.
Grading Basis: A-F Grades Only.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 327 Geographic Information Systems II (3 crs)
Prerequisite: GEOG 335
This course expands directly on knowledge gained in Geog 335, Geographic Information Systems I. Focus will be on gaining additional technical skills and applying them to answer more in-depth geospatial questions.
Attributes: Undergraduate/Graduate Offering.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEOG 335 Geographic Information Systems I (3 crs)
• GEOG 200 is recommended prior to enrollment in this course.
Introduction to the fundamental concepts of GIS technology and the utilization of spatial data for solving geographic problems. Raster and vector approaches to spatial processing are examined. Special emphasis is given to raster based systems.
Attributes: Undergraduate/Graduate Offering.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 336 Remote Sensing of the Environment (3 crs)
• GEOG 200 is recommended prior to enrollment in this course.
Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.
Attributes: Undergraduate/Graduate Offering.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 339 Computer Mapping (3 crs)
Introduction to the uses of computers in the design and construction of maps. Topics include digitizing tasks, the organization and utilization of mapping software, and the production of computer-drawn maps.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 340 Climatology (3 crs)
Prerequisite: GEOG 104
Comprehensive study of climatic phenomena with emphasis on global heat and water balances, daily weather analysis, climate classification, and climate change.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 341 Weather and Society (3 crs)
Prerequisite: GEOG 104 or consent of instructor.
This course provides the student with a theoretical and applied understanding of meteorological events and their subsequent impacts upon society.
Attributes: GE IIC Natural Science-Geography, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 345 Quaternary Environments (3 crs)
Prerequisite: GEOG 304
Causes, history, and effects of the Ice Ages, including the study of climatic changes, related oceanic and biological disruptions, Ice Age landforms; also, the characteristics and world distribution of modern glaciers.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOG 350 Soils and the Environment (4 crs)
Prerequisite: GEOG 104 or GEOI 110 or GEOL 115; and GEOG 304 or GEOL 312.
Consent: Instructor Consent Required
Study of soil properties, formation processes, and classification with emphasis on fieldwork, application of soil information to resource management and land use, and technical report writing.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOG 351 Cross-Cultural Dynamics (3 crs)
- Credit may not be earned in both ANTH 351 and GEOG 351.
Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.
Attributes: Foreign Culture, GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 352 Business Geographics (3 crs)
Business applications of geographic analysis. Emphasis on population geography, U.S. Census data, location, threshold and market area analysis, retail site location, and location allocation. Use of GIS software, large spatial databases, and database manipulation required.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 355 Biogeography (4 crs)
Prerequisite: GEOG 104
The study of the past and present geographic distributions of organisms, primarily plants, from historical, ecological, and regional perspectives. Emphasis is on principles and methods. Regional focus on the Great Lakes.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOG 358 LiDAR Analysis & Applications (3 crs)
Prerequisite: GEOG 335 and GEOG 338.
Introduction to the visualization, processing & use of airborne & terrestrial LiDAR data for applications in environmental & socio-cultural settings.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 361 Environmental Hazards (3 crs)
The course focuses on environmental hazards and disasters (including geomorphic, atmospheric, and human): how the normal processes of the earth concentrate their energies and deal destructive blows to humans and their structures.
Attributes: GE IIC Natural Science-Geography, LE-I1 Integration, LE-K1 Natural Sciences, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 363 Watershed Analysis (4 crs)
Prerequisite: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312.
Consent: Instructor Consent Required
Watershed-based study of surface-water hydrologic processes and the factors (climate, soils, vegetation, land use) that affect them. Particular emphasis placed on investigations of watersheds in the Eau Claire area.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOG 364 Fluvial Processes and Landforms (4 crs)
Prerequisite: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312.
Consent: Instructor Consent Required
Study of river processes and the landforms that result from them, including how processes and landforms respond to natural and anthropogenic environmental change. Investigations of streams in the Eau Claire area emphasized.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOG 365 Tourism Geographies (3 crs)
Exploration of outdoor recreation resources in the U.S. with emphasis on their diverse recreational amenities; societal and personal leisure values; related user problems; management solutions.
Attributes: GE IIIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 366 Geography International Immersion Experience (1-3 crs)
Consent: Instructor Consent Required
Preparatory prerequisite course may be required
Place-based analysis using field and interdisciplinary methods to learn about the environments, society and culture of the immersion region. International field sites, experiences and special topics may vary by semester.
Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

GEOG 367 Landscape Analysis: Cultural (3 crs)
Prerequisite: Minimum sophomore standing.
Geographic analysis of cultural landscapes by means of field experiences.
Attributes: GE IIIC Social Science-Geography, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 368 Geography Field Seminar (3 crs)
Prerequisite: Limited to geography majors and minors or consent of instructor.
Minimum junior standing.
Place-based analysis using geographic methods and field investigations. Field sites and research topics will vary from semester to semester.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 369 Geography of Food (3 crs)
Prerequisite: Minimum sophomore standing.
A geography course is recommended prior to enrollment in this course.
Explores the geography and spatial dimensions of food, with attention to the cultures and environments from which they emerged, changing nature/society relationships, and the implications of globalization, economic growth, and technological innovations.
Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-K2 Social Sciences, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 370 Quantitative Methods in Geography (3 crs)
Prerequisite: GEOG 335. Limited to geography majors and minors.
An introduction to spatial/quantitative methods in geography. Topics include central tendency, mean center, probability, regression, spatial autocorrelation, and geographically weighted regression.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 375 Environmental Quality (3 crs)
GEOG 178 or BIOL 180 is recommended prior to enrollment in this course.
Society's impact on the quality of the environment. The role of cultural attitudes, population, economic systems, technology, and political institutions in creating environmental problems.
Attributes: GE IIIC Social Science-Geography, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 377 U.S. Environmental and Sustainability Policy (3 crs)
Credit may not be earned in both ENV 377 and GEOG 377.
Students will study U.S. environmental and sustainability law and policy to assess the roles of science, key actors, and values in policymaking.
Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 378 International Environmental Problems and Policy (3 crs)
• Credit may not be earned in both GEOG 378 and ENV 378.
Examination of the threats to the global environment and the response of the international community.
Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 379 Geography of Wisconsin (3 crs)
A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.
Attributes: GE IIIC Social Science-Geography, LE-I1 Integration, LE-K2 Social Sciences, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 388 Military Geography (3 crs)
Consent: Instructor Consent Required
Explores the diversity of military geography by linking military affairs to the human and physical landscape. Examines how the environment influences military activities, how military activities impact the environment, and how technology has influenced the changing geographic dimensions of conflict.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 390 Unmanned Aerial Systems (3 crs)
Consent: Instructor Consent Required
Teaches how best to utilize Unmanned Aerial Systems (UAS) as a means to gather geospatial data. Safety and ‘drone ethics’ will also be stressed throughout the course.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Directed study of a geographic problem approved by the supervising instructor and the Department Chair.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

GEOG 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Limited to geography majors and minors. Minimum junior standing.
Consent: Department Consent Required
An intensive study of a geographic topic resulting in a quality paper or report suitable for publication.
Repeat: Course may be repeated

GEOG 401 Capstone Seminar (3 crs)
Prerequisite: Core courses (except capstone courses) required for all geography majors.
Designed to integrate theory and methodology, quantitative, and cartographic techniques, and field work to serve as a "capstone experience" for geography majors. Literature review, research design, data collection, and presentation skills are stressed.
Attributes: LE-S3 Creativity, Capstone Course
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 435 Geographic Information Systems III (3 crs)
Prerequisite: GEOG 335
• No credit if taken after GEOG 491 when offered as Advanced Geographic Information Systems.
This course will advance students’ knowledge of theoretical concepts and skills in geographic information systems in science. Emphasis will be placed on application of these concepts and skills in geospatial analysis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 438 Advanced Remote Sensing (3 crs)
Prerequisite: GEOG 338
Explores the theory and methodology of applied remote sensing. Focus is on the principles of electromagnetic radiation, interaction of solar radiation with Earth’s atmosphere and various surface classes, remote sensing systems, and digital image processing.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 445 Historical Geography (3 crs)
Prerequisite: GEOG 178 or BIOL 180.
Examines how human activities have impacted the natural world, how attitudes toward nature have shifted over time, and how human activities and attitudes have altered our landscape. Emphasis is on United States environmental history.
Attributes: GE IIIC Social Science-Geography, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 446 Political Geography (3 crs)
A systematic analysis of the distribution of political activity and the relationship of that pattern to other spatial phenomena. Emphasis on national states and international problems.

Attributes: GE IIIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 455 Web Geographic Information Systems (3 crs)
Prerequisite: GEOG 335
An introduction to Web GIS, the programming concepts underpinning construction and implementation of high quality web and mobile solutions.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 470 Urban Geography (3 crs)
Considers (1) cities as systems of service, trade, and manufacturing centers; (2) the internal structure of cities with emphasis on residential, commercial, and industrial patterns. North American urban places and solutions are stressed.

Attributes: Cultural Diversity 1 cr., Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 491 Special Topics (1-3 crs)
Prerequisite: Limited to geography majors and minors, or consent of instructor. No more than six credits may be applied to the geography major or minor.
Consent: Instructor Consent Required
Special topics will vary, depending on interests of students and faculty. Topics will include specific micro-regions and systematic approaches in geography.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated

GEOG 498 Geography Internship (1-3 crs)
Consent: Department Consent Required
• Application and approval required by supervising instructor, agency representative and department chair prior to start of internship.

Application of geographic knowledge and skills in supervised professional activities relevant to the student’s area of emphasis. Involves active reflection tied to the student's academic and career and interests. Option to pursue service learning where applicable.

Attributes: Service-Learning Optional, Capstone Course, Internship
Repeat: Course may be repeated for a maximum of 6 credits

GEOG 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Limited to geography majors and minors. Minimum senior standing.
Consent: Department Consent Required
Same as GEOG 399, except for senior majors only.
Repeat: Course may be repeated

GEOG 512 Space, Society, Subject (3 crs)
• Cross-listed with GEOG 312 AND ANTH 312/ANTH 512. Credit may only be earned in one of these courses.

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Seminar Hours: 0

GEOG 513 Culture and Transnational Dynamics (3 crs)
Prerequisite: Credit may not be earned in both ANTH 313/GEOG 313 ANTH 513/GEOG 513 and ANTH 351/GEOG 351
• Cross-listed with GEOG 313 and ANTH 313/ANTH 513. Credit may only be earned in one of these courses.

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 521 Geography of Latin America (3 crs)
• Cross-listed with GEOG 321 and LAS 321/LAS 521. Credit may only be earned in one of these courses.

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 522 Native Geographies (3 crs)
• Cross-listed with GEOG 322 and AIS 322/AIS 522. Credit may only be earned in one of these courses.

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOG 535 Geographic Information Systems I (3 crs)
- Cross-listed with GEOG 335. Credit may not be earned in both courses.
GEOG 200 is recommended prior to enrollment in this course.

Introduction to the fundamental concepts of GIS technology and the utilization of spatial data for solving geographic problems. Raster and vector approaches to spatial processing are examined. Special emphasis is given to raster based systems.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 536 Geospatial Field Methods (3 crs)
Prerequisite: GEOG 335/GEOG 535
Consent: Instructor Consent Required
- Cross-listed with GEOG 336. Credit may not be earned in both courses.

Project-based hands-on learning will teach students field data collection techniques/methods for those interested in a career involving geospatial issues. Traditional and advanced geospatial technology are implemented in the course.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 537 Geographic Information Systems II (3 crs)
Prerequisite: GEOG 335/GEOG 535
- Cross-listed with GEOG 337. Credit may not be earned in both courses.

This course expands directly on knowledge gained in Geog 335, Geographic Information Systems I. Focus will be on gaining additional technical skills and applying them to answer more in-depth geospatial questions.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 538 Remote Sensing of the Environment (3 crs)
- Cross-listed with GEOG 338. Credit may not be earned in both courses.
GEOG 200 is recommended prior to enrollment in this course.

Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 539 Soils and the Environment (4 crs)
Consent: Instructor Consent Required
- Cross-listed with GEOG 350. Credit may not be earned in both courses.

Study of soil properties, formation processes, and classification with emphasis on fieldwork, application of soil information to resource management and land use, and technical report writing.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOG 558 LiDAR Analysis & Applications (3 crs)
Prerequisite: GEOG 535 and GEOG 538.

Introduction to the visualization, processing & use of airborne & terrestrial LiDAR data for applications in environmental & socio-cultural settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 579 Geography of Wisconsin (3 crs)
- Cross-listed with GEOG 379. Credit may not be earned in both courses.

A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 590 Unmanned Aerial Systems (3 crs)

Teaches how best to utilize Unmanned Aerial Systems (UAS) as a means to gather geospatial data. Safety and ‘drone ethics’ will also be stressed throughout the course.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with GEOG 395.

Directed study of a geographic problem approved by the supervising instructor and the Department Chair.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
GEOG 635 Geographic Information Systems III (3 crs)
Prerequisite: GEOG 335/GEOG 535
• Cross-listed with GEOG 435. Credit may not be earned in both courses.
No credit if taken after GEOG 491 when offered as Advanced Geographic Information Systems.
This course will advance students' knowledge of theoretical concepts and skills in geographic information systems in science. Emphasis will be placed on application of these concepts and skills in geospatial analysis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 655 Web Geographic Information Systems (3 crs)
Prerequisite: GEOG 335/GEOG 535
• Cross-listed with GEOG 455. Credit may not be earned in both courses.
An introduction to Web GIS, the programming concepts underpinning construction and implementation of high quality web and mobile solutions.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOG 797 Independent Study/Graduate (1-3 crs)
Consent: Department Consent Required
An intensive study of a geographic topic resulting in a paper suitable for publication.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Geology (GEOL)

GEOL 102 Oceanography (3 crs)
Survey of the world oceans with emphasis on geologic processes. Also includes chemical, physical, and biological aspects of the sea. Investigates human interaction with the marine environment.
Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 106 Earth Science (4 crs)
Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131.
Introduction to basic earth science concepts. Includes study of earth interior and surface processes, earth materials, earth history, earth resources, atmospheric composition and processes, and aspects of the solar system.
Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 110 Physical Geology (4 crs)
Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131.
A study of earth structure, materials, processes, and history; includes discussion of plate tectonics, volcanism, weathering, glaciation, sedimentation, and metamorphism. The course emphasizes the methods of scientific investigation.
Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 115 Environmental Geology (4 crs)
Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131. No credit if taken after previous courses GEOL 101 or GEOL 103.
Study of the physical environment. Emphasis on earth processes which affect humans such as rivers, erosion, groundwater, landslides, and earthquakes. Methods are examined for reducing or eliminating the harmful effects of human interaction with the geologic environment.
Attributes: GE IID Natural Science-Geology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 118 Societal Issues in Earth Science (4 crs)
Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115 or GEOL 118, or GEOL 130 and GEOL 131.
Examination of social and economic impact of geologic issues, including instantaneous, catastrophic events such as earthquakes, tsunami and volcanic eruptions, and more mundane, inexorable events such as global climatic change and resource depletion.
Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 122 The Future of Global Energy (3 crs)
• No credit if taken after IDIS 152 when offered as Global Energy in Spring 2009.
Examination of current and future energy sources and alternatives with respect to supply, demand, recovery, distribution, environmental impact and sustainability and the relationship between energy and social, economic and political systems and public policy.
Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GEOL 201 Geology of Our National Parks and Monuments (2 crs)
- No credit toward majors or minors.

A survey of geologic processes and phenomena as exemplified by features of our national parks and monuments. Designed to develop greater appreciation and understanding of natural phenomena.

Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEOL 291 Special Topics (1-3 crs)
Geologic topics of current, special interest; includes field excursions.
Repeat: Course may be repeated

GEOL 301 Earth Resources (3 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131; or GEOG 101, or GEOG 104.
Origin, distribution, use, misuse, and conservation of minerals, water, soil, and fuels. Alternative resources and lifestyles for the future are evaluated.
Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOL 303 Rocky Mountain Field Studies (3 crs)
Prerequisite: Previous course in GEOL.
Consent: Instructor Consent Required
Field study of geologic features and processes in the Rocky Mountains. One week lecture and laboratory on UW-Eau Claire campus, 10 days in the field on Rocky Mountains. Camping equipment and extensive field work (hiking) is required.
Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

GEOL 304 Global Environmental Change (3 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131, or GEOG 101, or GEOG 104.
The composition, structure, and dynamics of the solid earth, oceans, and atmosphere are explored to understand the global geochemical and biochemical cycles that govern the natural response to environmental change on global scales.
Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

GEOL 308 Water Resources (3 crs)
Prerequisite: GEOL 106 or GEOL 110 or GEOL 115; or GEOG 101 or GEOG 104 or GEOG 178 or GEOG 185.
Origin, nature, distribution, movement, exploitation, and conservation of surface and subsurface waters; problems associated with development of water resources in Wisconsin and the U.S.
Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOL 312 Mineralogy and Petrology I (5 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115 or GEOL 118, or GEOL 130 and GEOL 131, or MSE 221; CHEM 101, or CHEM 103, or CHEM 105 and CHEM 106, or CHEM 115
Study of minerals and rocks with an emphasis on common rocks in field settings, hand sample identification, and description of common rocks and minerals. Origin of rocks and minerals and interpretation of processes is stressed.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 4

GEOL 313 Mineralogy and Petrology II (4 crs)
Prerequisite: GEOL 312
Study of igneous, sedimentary, and metamorphic rocks and minerals with an emphasis on laboratory and petrographic analysis.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

GEOL 315 Hydrogeology I (4 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.
The hydrologic cycle, runoff and streamflow, saturated groundwater flow, contaminant transport, geology of groundwater occurrence, aquifer characterization, groundwater flow to wells, hydrogeologic field techniques, groundwater flow and contaminant transport computer modeling, groundwater development and management.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

GEOL 320 Sedimentology and Stratigraphy (4 crs)
Prerequisite: GEOL 312
Origin and evolution of sedimentary rocks, with emphasis on sedimentary processes, stratigraphic principles, and basin evolution.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
GEOL 330 Structural Geology (4 crs)
Prerequisite: GEOL 312
The description and classification of geological structures and the theoretical and physical analysis of rock deformation. Field and laboratory techniques emphasize mapping and the tectonic analysis of geological structures.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 336 Introduction to Geochemistry (3 crs)
Prerequisite: GEOL 312; CHEM 104 or CHEM 109 or CHEM 115.
Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOL 337 Analytical Geochemistry Laboratory (1 cr)
Prerequisite: GEOL 336 or concurrent registration.
Theory and application of geochemical instrumentation including x-ray diffraction, x-ray microanalysis, scanning electron microscopy, atomic absorption spectrometry, mass spectrometry, and neutron activation analysis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

GEOL 343 Geological Field Excursion (1-2 crs)
Prerequisite: One GEOL course.
Extended travel to study field geology. Students record notes and data in the field and submit final written and/or oral reports. Special course fee to cover costs. Travel proposal must receive approval of department faculty.
Attributes: GE IID Natural Science-Geology, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: A-F Grades Only

GEOL 345 Geomorphology and Aerial Photography Interpretation (3 crs)
Prerequisite: GEOL 312 or GEOG 304.
A process-oriented analysis of landforms and applied geomorphology. Interpretation of landforms using topographic maps and aerial photographs will be emphasized. Communicating scientific material to expert audiences also will be stressed.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOL 350 Engineering Geology (3 crs)
Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114. No credit if taken after GEOL 445/GEOL 645.
Application of geologic principles to civil and environmental engineering, site analysis, and assessment and mitigation of natural hazards.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOL 365 Economic Mineral Deposits (3 crs)
Prerequisite: GEOL 312
Origin, association, and exploitation of metallic and nonmetallic mineral deposits. Study of ore suites from selected mining districts and methods of evaluating ore deposits.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOL 390 Geologic Immersion Experience (1-4 crs)
Consent: Instructor Consent Required
Project-based, field intensive geologic immersion experience focusing on the physical, biologic, geomorphic, and tectonic evolution of a geologic province and on societal interaction with the geologic setting.
Attributes: Foreign Culture, GE IID Natural Science-Geology, Lab Science, Service-Learning Optional Half, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

GEOL 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Use of this course to fulfill department capstone experience requires department approval. See department office for Capstone Proposal form.
Individual research or study for the advanced geology major who seeks to develop specialized knowledge and skills. Course proposals are student-initiated.
Repeat: Course may be repeated

GEOL 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual research or studies of distinctive nature.
Repeat: Course may be repeated
GEOL 416 Hydrogeology II (4 crs)
Prerequisite: GEOL 315
Review of principles of groundwater flow and contaminant transport, reactive groundwater contamination, groundwater remediation, chemical evolution of natural groundwater, flow in the unsaturated zone, advanced groundwater flow and contaminant transport computer modeling, water law.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 418 Earth History (4 crs)
Prerequisite: GEOL 312 and GEOL 320.
Origin and evolution of the earth, with emphasis on the physical, biologic, and tectonic history of the planet. Analysis of the concepts of geologic time and biologic evolution. Concentration on geologic field relations and determination of relative geologic history.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 420 Glacial Geology (3 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.
A process-oriented analysis of glacial landforms and sediments. Topographic maps, aerial photographs, and field mapping projects will be used to interpret glacial landforms, sediments, and to solve glacial geologic problems.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

GEOL 445 Engineering Geology and Geophysics (5 crs)
Prerequisite: GEOL 312; PHYS 211 or PHYS 231; MATH 114 or consent of instructor.
Application of geological and geophysical principles to solve human problems. Discussion of soil and rock mechanics, slope stability, earthquake analysis and seismic planning, and geophysical techniques including seismic, gravity, magnetic, electrical, and electromagnetic surveying.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2

GEOL 451 MSHA New Miner Training (1 cr)
Prerequisite: GEOL 312
Consent: Instructor Consent Required
• No credit if taken after GEOL 491 when offered as Responsible Mining: MSHA 24 Hour New Miner Training. May not be used toward 300-level course requirements for any Geology major program.
New Miner Safety Training (MSHA Part 46, 24 hours) discusses mine safety, hazard awareness and mine protocol, and is federally required to work at surficial mine sites.
Attributes: Field Trip(s) Required
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

GEOL 452 Responsible Mining Seminar (1 cr)
Prerequisite: GEOL 312
Consent: Instructor Consent Required
• No credit if taken after GEOL 491 when offered as Responsible Mining Seminar
Industry speakers will discuss environmental and political aspects of responsible mining. Preparation for internships and jobs will be stressed.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GEOL 461 Applied Geophysics (4 crs)
Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114; PHYS 211 or PHYS 231. No credit if taken after GEOL 445/GEOL 645.
Acquisition, processing, and interpretation of geophysical data including seismic, gravity, magnetic, GPR, resistivity, and electromagnetic methods.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 468 Computers in Geology (1 cr)
Prerequisite: GEOL 320
Introduction to digital techniques in geological sciences. Emphasis is on computer graphics and application of Geographic Information Systems to analysis and presentation of geologic data.
Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

GEOL 470 Field Geology I (3 crs)
Prerequisite: GEOL 312, GEOL 320, GEOL 468, GEOG 335
Consent: Instructor Consent Required
• Three week field course in west Texas and New Mexico.
Introduction to geologic mapping techniques, with an emphasis on construction of geologic maps and cross-sections in mildly deformed sedimentary and volcanic rocks.
Attributes: LE-I1 Integration, LE-S3 Creativity, Special Course Fee Required
GEOL 471 Field Geology II (3 crs)
Prerequisite: GEOL 330 and GEOL 470.
Consent: Instructor Consent Required
- Use of this course to fulfill department capstone experience requires department approval. See department office for Capstone Proposal form.
  Three-week field course in southwestern Montana.
Introduction to advanced geologic field techniques, with an emphasis on construction of geologic maps and cross-sections in deformed plutonic, volcanic, metamorphic, and sedimentary rocks.
Attributes: Special Course Fee Required

GEOL 491 Advanced Special Topics (1-4 crs)
Prerequisite: Limited to geology majors and minors.
Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

GEOL 498 Geology Internship (1-6 crs)
Prerequisite: GEOL 312. Minimum grade point average of 2.5. Minimum sophomore standing.
Consent: Department Consent Required
Provides supervised on-the-job experience in a geologically-related area of interest.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

GEOL 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

GEOL 515 Hydrogeology I (4 crs)
Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.
Consent: Instructor Consent Required
- Cross-listed with GEOL 315. Credit may not be earned in both courses.
The hydrologic cycle, runoff and streamflow, saturated groundwater flow, contaminant transport, geology of groundwater occurrence, aquifer characterization, groundwater flow to wells, hydrogeologic field techniques, groundwater flow and contaminant transport computer modeling, groundwater development and management.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

GEOL 536 Introduction to Geochemistry (3 crs)
Prerequisite: GEOL 312; CHEM 104 or CHEM 109 or CHEM 115
Consent: Instructor Consent Required
- Cross-listed with GEOL 336. Credit may not be earned in both courses.
Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOL 537 Analytical Geochemistry Laboratory (1 cr)
Prerequisite: GEOL 336/GEOL 536 or concurrent registration.
Consent: Instructor Consent Required
- Cross-listed with GEOL 337. Credit may not be earned in both courses.
Theory and application of geochemical instrumentation including x-ray diffraction, x-ray microanalysis, scanning electron microscopy, atomic absorption spectrometry, mass spectrometry, and neutron activation analysis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

GEOL 616 Hydrogeology II (4 crs)
Prerequisite: GEOL 315/GEOL 515
Consent: Instructor Consent Required
- Cross-listed with GEOL 416. Credit may not be earned in both courses.
Review of principles of groundwater flow and contaminant transport, reactive groundwater contamination, groundwater remediation, chemical evolution of natural groundwater, flow in the unsaturated zone, advanced groundwater flow and contaminant transport computer modeling, water law.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 645 Engineering Geology and Geophysics (5 crs)
Prerequisite: GEOL 312; PHYS 211 or PHYS 231; MATH 114 or consent of instructor.
Consent: Instructor Consent Required
- Cross-listed with GEOL 445. Credit may not be earned in both courses.
Application of geological and geophysical principles to solve human problems. Discussion of soil and rock mechanics, slope stability, earthquake analysis and seismic planning, and geophysical techniques including seismic, gravity, magnetic, electrical, and electromagnetic surveying.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2
GEOL 661 Applied Geophysics (4 crs)
Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114; PHYS 211 or PHYS 231. No credit if taken after GEOL 445/GEOL 645.
- Cross-listed with GEOL 461. Credit may not be earned in both courses.
Acquisition, processing, and interpretation of geophysical data including seismic, gravity, magnetic, GPR, resistivity, and electromagnetic methods.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

GEOL 691 Advanced Special Topics (1-4 crs)
Consent: Instructor Consent Required
- Cross-listed with GEOL 491.
Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

GEOL 793 Directed Studies (1-4 crs)
Consent: Instructor Consent Required
Permits groups of students to study topical areas in an intensive way under the direction of department faculty members.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

GEOL 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Independent study projects under direction of faculty members.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

German (GERM)

GERM 101 Beginning German (4 crs)
Prerequisite: Placement test required.
A foundation in listening, speaking, reading, writing, and culture.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

GERM 102 Beginning German (4 crs)
Prerequisite: GERM 101 or suitable placement score on German Placement Exam.
Continuation of German 101. A foundation in listening, speaking, reading, writing, and culture.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

GERM 201 Intermediate German I (4 crs)
Prerequisite: GERM 102 or suitable placement score on German Placement Exam.
Review of standard German grammar and vocabulary with focus on the development of speaking, writing, reading, and listening skills. Students gain an understanding of German culture, literature, and current events through a variety of topics.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

GERM 202 Intermediate German II (4 crs)
Prerequisite: GERM 201 or suitable placement score on German Placement Exam.
Continuation of German 201.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

GERM 313 Grammar Review and Composition (3 crs)
Prerequisite: GERM 202 or equivalent.
- Course may be taken once at UW-Eau Claire and once during study abroad.
Continued development and refinement of structural language skills through review of German morphology, syntax, vocabulary, and style.
Attributes: Foreign Culture, GE IA Communication-Language Arts
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 314 Oral Proficiency (3 crs)
Prerequisite: GERM 202 or equivalent.
This course focuses on the advanced-level language functions of the ACTFL Proficiency Guidelines (American Council on the Teaching of Foreign Languages), including conversing, narrating, describing in paragraph-length discourse.
Attributes: Foreign Culture, GE IA Communication-Language Arts
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 315 German for Professional Communication I (3 crs)
Prerequisite: GERM 202 or equivalent.
This course focuses on the development of practical language skills and functional competence in a German-speaking professional environment. Course language is German. (In sequence with German 316 leading to examination for International Business German Certificate.)
Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
GERM 325 The German Sound System (3 crs)
Prerequisite: GERM 313 or consent of instructor.
Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 340 Introduction to Reading German Literature (3 crs)
Prerequisite: Fluency at the 300 level or consent of instructor.
• To be taught only in the study abroad program in Germany.
Intensive practice in reading (and in speaking and writing about) progressively more challenging literary texts in prose. Introduction to literary forms and genres. Introduction to literary analysis and literary history.
Attributes: Foreign Culture, GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 358 Introduction to Translation (2 crs)
Prerequisite: GERM 313 or GERM 315.
A practically oriented introduction into the craft of translation, with intensive practice of text translation, mainly from German to English. Discussion of translation techniques and some readings of translation theory.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GERM 363 Modern Germany: Literature, History, Culture (3 crs)
Prerequisite: One German course at the 300-level, or permission of the instructor.
Combines German history survey 1889-1989, including work on contemporary images and documents, with close reading of literary/cultural texts and close attention to students' professional development in reading, writing, listening, speaking, translating. Course language is German.
Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-S3 Creativity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
• A total of no more than six credits of directed study courses may be counted toward graduation.
Study of a problem or special area in German language, culture, or literature.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

GERM 399 Independent Study - Juniors (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

GERM 413 Structure of German in Contrast (3 crs)
Prerequisite: GERM 313 or GERM 315.
The course aims to refine students' proficiency in the German language as well as to further students' "conscious" mastery of German through a comparative/contrastive analysis with English.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 480 Seminar in German Culture and Civilization I, pre-1848 (3 crs)
Prerequisite: GERM 363, or permission of instructor.
• Recommended to be taken after study abroad.
An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language and/or civilization of German-speaking peoples before 1848. Course language is German.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 482 Seminar in German Culture and Civilization II, post-1848 (3 crs)
Prerequisite: GERM 363, or permission of instructor.
An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language, and/or civilization of German-speaking countries after 1848.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 491 Special Topics (1-3 crs)
Prerequisite: GERM 313 or GERM 315 or consent of instructor.
In-depth study of a special area of language, culture, history, or literature. Topics and credits will vary depending on interests of students and faculty.
Repeat: Course may be repeated for a maximum of 9 credits

GERM 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
GERM 525 The German Sound System (3 crs)
Prerequisite: GERM 313 or consent of instructor.
• Cross-listed with GERM 325. Credit may not be earned in both courses.
Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 558 Introduction to Translation (2 crs)
Prerequisite: GERM 313 or GERM 315.
• Cross-listed with GERM 358. Credit may not be earned in both courses.
A practically oriented introduction into the craft of translation, with intensive practice of text translation, mainly from German to English. Discussion of translation techniques and some readings of translation theory.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

GERM 563 Modern Germany: Literature, History, Culture (3 crs)
Prerequisite: One German course at the 300-level, or permission of the instructor.
• Cross-listed with GERM 363.
Combines German history survey 1889-1989, including work on contemporary images and documents, with close reading of literary/cultural texts and close attention to students' professional development in reading, writing, listening, speaking, translating. Course language is German.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with GERM 395.
Study of a problem or special area in German language, culture, or literature.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

GERM 613 Structure of German in Contrast (3 crs)
Prerequisite: GERM 313 or GERM 315.
• Cross-listed with GERM 413. Credit may not be earned in both courses.
The course aims to refine students' proficiency in the German language as well as to further students' "conscious" mastery of German through a comparative/contrastive analysis with English.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 680 Seminar in German Culture and Civilization I, pre-1848 (3 crs)
Prerequisite: GERM 363, or permission of instructor.
• Cross-listed with GERM 480. Recommended to be taken after study abroad.
An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language and/or civilization of German-speaking peoples before 1848. Course language is German.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 682 Seminar in German Culture and Civilization II, post-1848 (3 crs)
Prerequisite: GERM 363, or permission of instructor.
• Cross-listed with GERM 482.
An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language, and/or civilization of German-speaking countries after 1848.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GERM 797 Independent Study (1-3 crs)
Consent: Instructor Consent Required
Independent study projects under direction of faculty members.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Greek (GRK)

GRK 101 Beginning Classical Greek (4 crs)
Introduction to the Classical Greek language, with emphasis on grammar, analytic, and translation skills. The course will serve as an introduction to ancient Greek culture and its impacts on modern, western European and American civilizations.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

GRK 102 Beginning Classical Greek (4 crs)
Prerequisite: GRK 101
Continuation of Greek 101.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
GRK 201 Intermediate Classical Greek I (2-4 crs)
Prerequisite: GRK 102
Review of Classical Greek grammar and vocabulary with focus on translation skills. Students will gain a developed understanding of ancient Greek culture and its impact.
Attributes: GE IA Communication-Language Arts
Repeat: Course may be repeated for a maximum of 4 credits

Health Care Administration (HCAD)

HCAD 101 Introduction to Health Services Administration (1 cr)
Prerequisite: Maximum class juniors. Not available for seniors.
Survey of the field of health and aging services and the functions of various administrative roles. Provides experiences upon which to base decisions about health services administration as a career.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

HCAD 201 Overview of the U.S. Health Care System: A Policy Perspective (3 crs)
A multidisciplinary course addressing issues that affect policy and delivery systems in health care. The course seeks to orient the student to the spectrum of issues and the dynamics of the U.S. health care system.
Attributes: LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 222 Multidisciplinary Perspectives on Aging (3 crs)
This course presents a multidisciplinary overview of critical issues related to aging. Research and theory supplement an exploration of issues and career opportunities in gerontology, from both research and service provider orientations.
Attributes: GE V University Wide, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 291 Special Topics (1-3 crs)
Consent: Instructor Consent Required
A variable content course consisting of topics of special interest to students and faculty that are not covered in other health care administration courses.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

HCAD 299 Independent Study (1-3 crs)
Consent: Department Consent Required
Independent study projects under the direction of a faculty member.
Repeat: Course may be repeated

HCAD 301 Foundations of Quality Management Systems in Health Service (3 crs)
Prerequisite: HCAD 101 and HCAD 201. Health Care Administration majors only.
• HCAD undergraduate students in their last fall on campus are eligible to enroll. Special course fee for criminal background check required of all HCAD practicum students.
An exploration of the technical, managerial and organizational issues that are important in understanding and implementing quality management systems in health service organizations.
Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 302 Leadership and Management Practices in Health Services (3 crs)
Prerequisite: HCAD 101. HCAD 301. Limited to health care administration or environmental public health majors.
• HCAD undergraduate students in their last spring on campus or ENPH junior status or above undergraduate and graduate students are eligible to enroll.
An exploration of necessary administrative skills of health services leadership including: strategic planning; quality management; financial management; human resources management; government relations; marketing; and the ability to apply these concepts within a health system.
Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 375 Fundamentals of Health Care Finance (3 crs)
Prerequisite: ACCT 201; ECON 103, 104, HCAD 301, IS 240. Limited to health care administration majors.
Students will learn financial decision making techniques: i.e., planning, control, budgeting, time value of money, etc., used to meet a health care organization’s goals and objectives to provide ongoing and quality services for its clientele.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 400 Fundamental Field Experience Skills I (3 crs)
Prerequisite: HCAD 301 and HCAD 302. HCAD 420 concurrent enrollment. Limited to HCAD majors.
• This course has a special course fee for practice certification and assessment exams.
The student undertakes prescribed activities and rotations with defined experiences and learning goals to develop a basic understanding of operational, regulatory, and environmental stands of resident service departments and functions.
Attributes: Service-Learning, Full 30 Hours, Internship, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Practicum Hours: 3 credit hours; approximately 40 hours per week in the field
HCAD 401 Fundamental Field Experience Skills II (6 crs)
Prerequisite: HCAD 400. HCAD 403, HCAD 404, HCAD 405 and HCAD 421 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year.

Building on previous skills, the student continues participation in prescribed activities and rotations with defined experiences and learning goals to further understanding of operational, regulatory, and environmental standards of resident service departments and functions.

Attributes: Service-Learning, Full 30 Hours, Internship
Grading Basis: S/U Only Grade Basis
Practicum Hours: 6 credit hours; approximately 40 hours per week in the field

HCAD 402 Fundamental Field Experience Skills III (6 crs)
Prerequisite: HCAD 401. HCAD 406, HCAD 408, HCAD 413, HCAD 422 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year.

Building on previous skills, the student continues participation in prescribed activities and rotations with defined experiences and learning goals to achieve competency in required operational, regulatory, and environmental standards of resident service departments and functions.

Attributes: LE-I1 Integration, Service-Learning, Full 30 Hours, Internship
Grading Basis: A-F Grades Only
Practicum Hours: 6 credit hours; approximately 40 hours per week in the field

HCAD 403 Resident Service Management (1 cr)
Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Exposes the student to the responsibility of administration to translate concepts of patient care into policies and procedures, which ultimately impacts the quality of care and service.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required

HCAD 404 Quality Management in Health Care (1 cr)
Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students gain an awareness of quality management principles and practices in health care settings and learn how to use various quality tools for effective problem identification and solving.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required

HCAD 405 Health Services Human Resources Management (1 cr)
Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students learn the basic goals and principles of human resources, understand the driving forces of human resource outcomes, and gain an awareness for the application of human resources practices in health care today.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required

HCAD 406 Information Use and Systems (1 cr)
Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students develop an understanding of how to identify, prioritize, and use data and information to help them strategically manage a health and aging services organization.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required

HCAD 407 Financial Management in Health Care (1 cr)
Prerequisite: HCAD 401. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students apply the basic and overall principles of financial management to the operation of a health and aging services organization, and learn the key areas of budgeting and reimbursement.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required

HCAD 408 Marketing and Public Relations in Health Services (1 cr)
Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students are exposed to the basic goals and principles of an effective marketing and public relations program in health care and participate in the application of a variety of marketing strategies.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee, Special Course Fee Required
HCAD 411 Cultural Competency and Globalization (1 cr)
Prerequisite: HCAD 301 and HCAD 302. Limited to HCAD majors.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

Students develop cultural competency in providing health services to people of
diverse backgrounds and effectively managing a diverse workforce, as
well as gain an understanding of immigration issues and the globalization of
healthcare.

Attributes: Cultural Diversity 1 cr., HCAD Program Fee
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

HCAD 412 Professional Ethics and Advocacy (1 cr)
Prerequisite: HCAD 301 and HCAD 302. Limited to HCAD majors.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

Students will develop an understanding of professional standards for health
care administrators. They will also learn how to use political advocacy to affect
policy change so they can better serve the population's health care needs.

Attributes: HCAD Program Fee
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

HCAD 413 Health Care Rules and Regulations (1 cr)
Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

Students develop an understanding of the current laws, rules and regulations
that impact long-term care organizations. Students will learn strategies for
proactively managing an organization within the context of a regulatory
environment.

Attributes: HCAD Program Fee, Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

HCAD 420 Fund Health Care Management Competencies (3 crs)
Prerequisite: HCAD 301 and HCAD 302. HCAD 400 concurrent enrollment.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

This course will examine in-depth management competencies necessary to
successfully operate a health care organization. Students will also gain an
understanding of the necessary professional functions and skills to successfully
serve in an administrative role in a health care organization.

Attributes: HCAD Program Fee
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 421 Health Care Admin Prof Development (3 crs)
Prerequisite: HCAD 420. HCAD 401 concurrent enrollment. Limited to HCAD
majors.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

The initial focus is on the practice of personal self-examination, including the
development of strengths and the awareness of limitations. Students will
explore their own level of ability in each of these critical areas of management
and begin to focus on their own enhanced management proficiency.

Attributes: HCAD Program Fee
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 422 Strategic Health Care Leadership Practices (3 crs)
Prerequisite: HCAD 421. HCAD 402 concurrent enrollment. Limited to HCAD
majors.
  • Limited to HCAD majors in the practicum year. This is an online course and
  requires access to a computer and the internet while completing the practicum.

Emphasis is on the development and execution of the key strategic leadership
practices required of organizational leaders. Students will practice their
leadership expertise with selected projects. Additionally, they will learn from
their shared experiences with their practicum cohort.

Attributes: LE-I1 Integration, LE-S3 Creativity, HCAD Program Fee, Special
Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required
A variable content course consisting of advanced topics of special interest to
students and faculty that are not covered in other health care administration
courses.

Repeat: Course may be repeated for a maximum of 6 credits

HCAD 495 Directed Studies (1-3 crs)
Consent: Instructor Consent Required
Permits groups of students to pursue a defined, organized study of a topic
under the direction of a department of public health professions staff member.

Repeat: Course may be repeated

HCAD 499 Independent Study (1-3 crs)
Consent: Department Consent Required
Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Attributes</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 102</td>
<td>Western Civilization Since 1660 (3 crs)</td>
<td>3</td>
<td>“Modernization” of Western civilization. Special attention to development of modern states, advances in scientific thinking, industrialization, French Revolution, nationalism, two World Wars, Russian Revolution, fascism, and Europe's relations with other areas of the world.</td>
<td>Foreign Culture, GE IVC Humanities-History</td>
<td>3</td>
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<tr>
<td>HIST 114</td>
<td>United States History to 1877 (3 crs)</td>
<td>3</td>
<td>Survey from colonial settlement through the Civil War and Reconstruction. Provides a basis for better understanding of American political, institutional, economic, social, and intellectual development.</td>
<td>Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity</td>
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<td>0</td>
</tr>
<tr>
<td>HIST 115</td>
<td>United States History Since 1877 (3 crs)</td>
<td>3</td>
<td>Survey with emphasis on concepts and topics considered essential to an understanding of institutions and issues of public concern today.</td>
<td>Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity</td>
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<td>0</td>
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<tr>
<td>HIST 124</td>
<td>World History to 1500 (3 crs)</td>
<td>3</td>
<td>How global processes such as the spread of agriculture, the growth of long-distance commerce, the rise of cities, the establishment of empires, and the development of religions shaped the lives of men and women from 10,000 B.C.E. to 1500 C.E.</td>
<td>Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives</td>
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<td>0</td>
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<tr>
<td>HIST 125</td>
<td>World History Since 1500 (3 crs)</td>
<td>3</td>
<td>A global history of humankind. Emphasis on the growth of international commerce, the rise and fall of empires, industrialization and deindustrialization, and changes in types of governance, belief systems, gender structures, and the environment.</td>
<td>Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>HIST 152</td>
<td>Modern East and Southeast Asia (3 crs)</td>
<td>3</td>
<td>A survey of modern Asian history from around 1600 to the present focusing on Chinese, Japanese, and Hmong people, with attention to cultural, social, and political history.</td>
<td>Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives</td>
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<td>0</td>
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<tr>
<td>HIST 205</td>
<td>American Women's History (3 crs)</td>
<td>3</td>
<td>A survey of the history of women from pre Columbian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.</td>
<td>Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity</td>
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<td>0</td>
</tr>
<tr>
<td>HIST 210</td>
<td>African American History 1865 to Present (3 crs)</td>
<td>3</td>
<td>Course includes information on lynching, the Civil Rights Movement, and race relations.</td>
<td>Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity</td>
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<tr>
<td>HIST 212</td>
<td>Hmong and America (3 crs)</td>
<td>3</td>
<td>This course will trace the history of Hmong peoples from China through the war in Laos to America and the newer diasporas.</td>
<td>Cultural Diversity 3 cr., GE IVC Humanities-History</td>
<td>3</td>
<td>0</td>
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<tr>
<td>HIST 240</td>
<td>American Indian History (3 crs)</td>
<td>3</td>
<td>An introduction to the history of the native peoples of the United States with major emphasis upon European contact, the mutual interaction of European and American Indian cultures, and the resulting adaptations and conflicts.</td>
<td>Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity</td>
<td>3</td>
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</tbody>
</table>
HIST 280 History Travel Seminar (1-6 crs)
- No more than three credits may be applied to the liberal arts major. No credits may be applied to the teaching major.

An opportunity for students to visit the locations of an historical event or period. Extensive reading and orientation sessions required prior to departure. Specific locales will change depending on student and faculty interest.

Attributes: GE IVC Humanities-History
Repeat: Course may be repeated for a maximum of 6 credits

HIST 284 The Nazis and Germany, 1914-1945 (3 crs)
Background, emergence, and totalitarian practices of National Socialism in Germany.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 286 History of World War II (3 crs)
Overview of the World War II era, ca. 1933-1945, examining root causes, conduct, and outcomes of the war from a world perspective.

Attributes: Foreign Culture, GE IVC Humanities-History
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 288 Introduction to Research Methods and the Profession (3 crs)
Prerequisite: Limited to history majors and minors and broadfield social studies-history majors.
Introduces students to the study of history as a scholarly discipline and as a foundation for careers. Identifies theories, concepts, methodologies, and historiographic traditions used by historians. Assignments will enhance research, writing, oral communications, bibliographic and statistical skills.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 292 Origins of Current World Conflicts (3 crs)
Topical course exploring historical origins of current world conflicts. Causes and forms of conflict include evolution of human rights, ethnic-racial and class divisions, imperialism and decolonization, nationalism, political ideologies, total war, terrorism and comparative revolutions. Film Night Required.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 302 Ancient Near Eastern Civilizations (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
In-depth survey of the political, social, and cultural history of ancient Mesopotamia, Egypt, Syro-Palestine, Anatolia, and Iran from the rise of cities to Alexander the Great.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 304 Greek Civilization (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian or Hellenistic period. Stress on cultural contributions of each successive period.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 306 Roman Civilization (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
A history of the Romans beginning with the Etruscan civilization after 1000 B.C. and continuing through the Empire Age to the end of the third century.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 308 Ancient Historiography (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 309 Latin America Through Independence (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
Credit may not be earned in both HIST 309 and LAS 309.
Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 311 Latin America Since Independence (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both HIST 311 and LAS 311.

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 313 Gender, Sex, and Science in European History (3 crs)
Prerequisite: Six credits of history and/or women’s, gender, and sexuality studies, or junior standing, or consent of the instructor.
- Credit may not be earned in both HIST 313 and WGSS 313.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 315 The Age of Reformation (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 317 Studies in the History of Race in the U.S. (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Departmental permission required after course is taken for three credits.

Selected topics in the history of U.S. racial/ethnic minorities. Topics can include aspects of Asian American, African American, and/or Latino American history. Consult class schedule or department office for current offering.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 318 Studies in the History of European and Mediterranean Worlds (3 crs)
Prerequisite: Six credits of history courses, or junior standing, or consent of the instructor.
- Department permission is required after course is taken for three credits.

Selected topics in the history of European and Mediterranean worlds. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 319 Studies in Comparative, Transnational and Pacific World History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Departmental permission required after course is taken for three credits.

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 320 Studies in the History of the Americas (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of the instructor.
- Department permission required after course is taken for three credits.

Selected topics in the history of the Americas. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 325 History and Memory in Europe (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
No credit if taken after HIST 393/ HIST 593 when taken as History and Memory in Central Europe.

Introduction to the study of collective memory, with particular emphasis on Europe. Themes vary based on instructor, but may include collective memories and nationalism, imperialism, World War I & World War II, the Holocaust, Cold War, and Post-Communist experience.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 326 Twentieth Century Europe, 1900 to Present (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Political, economic, intellectual, and social developments in major European states. Special attention to the two World Wars, Russian Revolution, Fascism, Cold War, Europe’s loss of overseas power, World War II, and postwar integration.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 327 Preparatory Study for Central European Travel Seminar (1-4 crs)
Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing. No credit if taken after INTA 316 or HIST 280.
Consent: Instructor Consent Required
Prepares students for INTA 316, the Central European Travel Seminar held during summer session. Students will study the history of Central and Eastern Europe. Historical perspectives for allied disciplines include Art History, Historical Geography, and Music History.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: A-F Grades Only

HIST 332 The Era of the American Revolution (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.
Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 334 Early Nationalism and Jacksonian Democracy (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. The outer history of this period is dominated by the relentless spread of the American republic to the Pacific by 1848; the inner history is one of the spread of markets and capitalist relations. Andrew Jackson dominates this period. The course will attempt to make connections between the life of Jackson and the great social forces that permanently changed the country.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 336 Sectionalism, Civil War, and Reconstruction (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. America’s most bitter and bloody war. Focus on three topics: why the war broke out when it did; how the Union won the war and destroyed a slave society; and why, after winning the war, the North lost the peace of Reconstruction.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 341 African American Civil Rights Movement, 1914-Present (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.
Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 342 Recent US History (1945-Present) (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. America in 1945, “Cold War,” Eisenhower years, violent 1960s, Vietnam War, Watergate, Carter Presidency, Reagan Presidency.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 343 Modern World History (3 crs)
This course explores the public memory of the civil rights movement through class lecture, discussion and participation in UW-Eau Claire’s Civil Rights Pilgrimage. Students will examine the importance of individual agency, historical contingency, and social change.
Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 344 American Environmental History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.
Attributes: GE IVC Humanities-History, LE-K3 Humanities, Undergraduate/Graduate Offering, Field Trip(s) Required
Lab/Studio Hours: 0
Seminar Hours: 3

HIST 350 The American West (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 360 Modern France (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Social, political, and cultural development of France from the French Revolution of 1789 to the present. Topics include industrialization, civil society, democratization, art and society, World War I and II, French imperialism, women and gender.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 362 Modern Germany (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Since 1848, with emphasis on Bismarckian, Wilhelmian, Weimar, Nazi, and postwar period.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 366 History of Middle East Since Muhammad (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergence of Modern Middle Eastern nations.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 368 Studies in American Indian History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century.

Attributes: Cultural Diversity Variable, GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Repeat: Course may be repeated when topic differs for a maximum of nine credits
Consult Class Schedule or department office for current offering.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 369 Wisconsin Indian History (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 369 and AIS 369.

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 370 History of the Family in America (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. No credit if taken after WMNS 470.

Evolution of the American family from colonial times to the present. Emphasis on child raising, gender roles, the economic function of the family, the emergence of adolescence, the importance of kinship, and marriage practices.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 373 American Women's History to 1870 (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Credit may not be earned in both HIST 373 and WGSS 373.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 375 Twentieth Century Russia (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 376 World War I and II Military (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Explores World Wars I and II from the perspective of professional military history. Emphasizes strategy, tactics, decision-making, and battle history. The role of culture’s influence on strategy is discussed.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
**HIST 377 American War in the Post 1945 World (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
American involvement in the Korean and Vietnam conflicts, military policy in between wars, Desert Shield/Desert Storm, and the home front impact of war. Emphasizes the daily lives of combatants.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 378 American Women's History Since 1870 (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• Credit may not be earned in both HIST 378 and WGSS 378.
Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.
Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 380 Museums in the United States (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of the instructor.
Examines artifact analysis, museum history and methods. Students will design and install an exhibit at a local museum during the semester.
Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-S3 Creativity, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Seminar Hours: 3
Lab/Studio Hours: 0

**HIST 381 Comparative Genocide (3 crs)**
Prerequisite: Six credits in history, or junior standing, or the consent of the instructor.
Examines the causes and implementation of genocide as well as strategies for preventing and combating genocidal hatred, especially through international law and institutions. Cases examined will be drawn from multiple time periods and global locations.
Attributes: Foreign Culture, GE IVC Humanities-History, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 382 Imperialism Since 1800 (3 crs)**
Prerequisite: Six credits in history, or junior standing, or consent of instructor.
Examines the complex history of empire-building overseas, concentrating upon the era of "high" imperialism from the mid-nineteenth century through to the present. Particular focus on issues of race, gender and culture.
Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 383 Modern Africa (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
Examines the major components of Modern African history. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism as well as more recent political, social, cultural and economic change.
Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 384 The Vietnam War (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• No credit if credit has been earned in POLS 384.
Examination of the conflicts in Vietnam, 1945-1975. Topics include: Vietnam in history, French colonial rule, nationalism and communism in Vietnam, U.S. policies, the debates of the war, and the legacy of the war.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 385 The History of Middle Eastern Muslim Women (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• Credit may not be earned in both HIST 385 and WGSS 385.
Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.
Attributes: GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HIST 386 Introduction to Public History (3 crs)**
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
This course will introduce students to the theory and practice of a variety of history-related pursuits known collectively as public history because they are primarily aimed at audiences outside the university. Students will learn about a range of career options available to public historians, as well as the special challenges that they confront.
Attributes: GE IVC Humanities-History, LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 387 Marco Polo’s World, 1250-1350 (3 crs)
Prerequisite: Six credits of history including HIST 124.
An examination of Marco Polo’s journey from Europe to China as a way of exploring the connections between Europe, the Middle East, and Asia during the Age of the Mongols.
Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 388 History of China (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
Social, cultural, and political history of China, inclusive of women, ethnic minorities, and commoners, from the ancient period to the present.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 389 History of Japan (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
Social, economic, political, and intellectual development of Japan: emergence of Japanese civilization, the Heian period, the age of the samurai, the Meiji Restoration, and Japan in the twentieth century.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 390 Local History, Global History (3 crs)
Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.
Examines the connection between the history of Wisconsin and the broad forces of global history. Topics include first peoples, expansion of world trade, colonization, long-distance immigration, the development of new societies, and globalization.
Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 392 History of Antisemitism (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
Global history of antisemitism from ancient world to the present, religious roots; economic and racial origins; impact of Zionism, Holocaust and Arab-Israeli conflict.
Attributes: LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 393 Roots of Selected Contemporary World Problems (1-5 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. • May be repeated when topic differs.
Selected world problems depending on student interest and staff. Number of credits assigned will vary according to the nature of the topic. Consult Class Schedule or department office for current offering.
Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 394 Studies in the History of Women (1-3 crs)
Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult Class Schedule or department office for current offering.
Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Study of historical problem or topic.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 396 Research Apprenticeship in History (1-3 crs)
Consent: Department Consent Required
Qualified students, recruited and supervised by an instructor, engage in original research in collaboration with the instructor. Research methods and current status of historical knowledge are applied to create new knowledge.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

HIST 397 Student Academic Apprenticeship in History (1-3 crs)
Prerequisite: Minimum junior standing. Minimum resident GPA of 3.30.
Consent: Department Consent Required
Qualified students work under the close supervision of faculty to tutor students. If students complete a content-based project related to a course in which they tutor, they can earn a letter grade. Otherwise, they will be graded on an S/U basis.
Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 3 credits

HIST 399 Independent Study - Juniors (1-3 crs)
Consent: Department Consent Required
Intensive study of topic resulting in a quality research paper or report.
Attributes: Service-Learning Optional
Repeat: Course may be repeated
HIST 401 Public History in Great Britain (3 crs)
Consent: Instructor Consent Required
  - Open only to students participating in the Public History in Great Britain international immersion experience.

In this course, students are introduced to historic preservation and interpretation as they are carried out in Great Britain. The course is conducted in Great Britain through a summer international immersion experience.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 480 History of Wisconsin (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor. Political, economic, and social development.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 486 Seminar in Public History (3 crs)
Prerequisite: HIST 386
The seminar in public history is organized around completing a project in a particular field in the discipline. Students will conduct research and complete a written seminar paper that will serve as a part of a larger class product.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 489 Research Seminar (3 crs)
Prerequisite: 21 credits in history including HIST 288. Limited to history and broadfield social studies-history majors. Instructor consent required.
Consent: Instructor Consent Required
Capstone experience in which the students complete a major research project for presentation to the class and evaluation by the history faculty. The project will reflect the writing, reading, and analytical skills that the students have developed in the history major.

Attributes: LE-S3 Creativity, Service-Learning Optional, Capstone Course
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 491 Special Topics (1-3 crs)
Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 9 credits

HIST 492 Honors Seminar in History (3 crs)
Prerequisite: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing.
Consent: Department Consent Required
Intensive study of selected problems. Exact topics covered will vary according to particular interests of professor, degree of preparedness of students, and availability of materials.
Repeat: Course may be repeated
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 496 Honors Independent Study (1-3 crs)
Prerequisite: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing.
Consent: Department Consent Required
Involves independent reading with regular conferences between student and faculty member, or a research paper with similar regular conferences.
Repeat: Course may be repeated

HIST 498 Internship (1-3 crs)
Prerequisite: HIST 386 or consent of instructor. 24 credits in history. Limited to history majors.
Consent: Department Consent Required
  - Only three credits may count towards major.
Supervised assignment to museum, archives, historical site, public agency, or private business for practical experience in the work of public historians. Work will build on and be related to research skills and historical knowledge developed in other history courses.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: S/U Only Grade Basis

HIST 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
Intensive study of topic resulting in a quality research paper or report.
Attributes: Service-Learning Optional
Repeat: Course may be repeated

HIST 502 Ancient Near Eastern Civilizations (3 crs)
  - Cross-listed with HIST 302. Credit may not be earned in both courses.
In-depth survey of the political, social, and cultural history of ancient Mesopotamia, Egypt, Syro-Palestine, Anatolia, and Iran from the rise of cities to Alexander the Great.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 504 Greek Civilization (3 crs)
- Cross-listed with HIST 304. Credit may not be earned in both courses.

A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian or Hellenistic period. Stress on cultural contributions of each successive period.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 506 Roman Civilization (3 crs)
- Cross-listed with HIST 306. Credit may not be earned in both courses.

A history of the Romans beginning with the Etruscan civilization after 1000 B.C. and continuing through the Empire Age to the end of the third century.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 508 Ancient Historiography (3 crs)
- Cross-listed with HIST 308. Credit may not be earned in both courses.

In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 509 Latin America Through Independence (3 crs)
- Cross-listed with HIST 309 and LAS 309/LAS 509. Credit may only be earned in one of these courses.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 511 Latin America Since Independence (3 crs)
- Cross-listed with HIST 311 and LAS 311/LAS 511. Credit may only be earned in one of these courses.

Lab/Hours: Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3

HIST 513 Gender, Sex, and Science in European History (3 crs)
- Cross-listed with HIST 313 and WGSS 313/WGSS 513. Credit may only be earned in one of these courses.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 515 The Age of Reformation (3 crs)
- Cross-listed with HIST 315. Credit may not be earned in both courses.

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 517 Studies in the History of Race in the U.S. (3 crs)
- Cross-listed with HIST 317. Departmental permission required after course is taken for three credits.

Selected topics in the history of U.S. racial/ethnic minorities. Topics can include aspects of Asian America, African American, and/or Latino American history. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 518 Studies in the History of European and Mediterranean Worlds (3 crs)
- Cross-listed with HIST 318. Departmental permission is required after course is taken for three credits.

Selected topics in the history of European and Mediterranean worlds. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 519 Studies in Comparative, Transnational and Pacific World History (3 crs)
- Cross-listed with HIST 319. Departmental permission required after course is taken for three credits.

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 520 Studies in the History of the Americas (3 crs)
- Cross-listed with HIST 320. Departmental permission required after course is taken for three credits.

Selected topics in the history of the Americas. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 525 History and Memory in Europe (3 crs)
Prerequisite: No credit if taken after HIST 393/HIST 593 when offered as History and Memory in Central Europe.
- Cross-listed with HIST 325. Credit may not be earned in both courses.

Introduction to the study of collective memory, with particular emphasis on Europe. Themes vary based on instructor, but may include collective memories and nationalism, imperialism, World War I & World War II, the Holocaust, Cold War, and Post-Communist experience.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 526 Twentieth Century Europe, 1900 to Present (3 crs)
- Cross-listed with HIST 326. Credit may not be earned in both courses.

Political, economic, intellectual, and social developments in major European states. Special attention to the two World Wars, Russian Revolution, fascism, Cold War, Europe’s loss of overseas power, World War II, and postwar integration.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 527 Preparatory Study for Central European Travel Seminar (1-4 crs)
Prerequisite: No credit if taken after INTA 316 or HIST 280.
Consent: Instructor Consent Required
- Cross-listed with HIST 327.

Prepares students for INTA 316, the Central European Travel Seminar held during summer session. Students will study the history of Central and Eastern Europe. Historical perspectives for allied disciplines include Art History, Historical Geography, and Music History.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only

HIST 532 The Era of the American Revolution (3 crs)
- Cross-listed with HIST 332. Credit may not be earned in both courses.

Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 534 Early Nationalism and Jacksonian Democracy (3 crs)
- Cross-listed with HIST 334. Credit may not be earned in both courses.

The outer history of this period is dominated by the relentless spread of the American republic to the Pacific by 1848; the inner history is one of the spread of markets and capitalist relations. Andrew Jackson dominates this period. The course will attempt to make connections between the life of Jackson and the great social forces that permanently changed the country.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 536 Sectionalism, Civil War, and Reconstruction (3 crs)
- Cross-listed with HIST 336. Credit may not be earned in both courses.

America’s most bitter and bloody war. Focus on three topics: why the war broke out when it did; how the Union won the war and destroyed a slave society; and why, after winning the war, the North lost the peace of Reconstruction.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 542 Recent US History (1945-Present) (3 crs)
- Cross-listed with HIST 342. Credit may not be earned in both courses.


Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 544 African American Civil Rights Movement, 1914-Present (3 crs)  
• Cross-listed with HIST 344. Credit may not be earned in both courses.  

African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 545 Civil Rights and American Memory (3 crs)  
• Cross-listed with HIST 345. Credit may not be earned in both courses.  

This course explores the public memory of the civil rights movement through class lecture, discussion and participation in UW-Eau Claire’s Civil Rights Pilgrimage. Students will examine the importance of individual agency, historical contingency, and social change.  

Attributes: Special Course Fee Required Varies by Term/Section  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 546 American Environmental History (3 crs)  
• Cross-listed with HIST 346 and ENV 346/ENV 546. Credit may only be earned in one of these courses. No credit if taken after HIST 491 when offered as American Environmental History.  

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.  

Attributes: Field Trip(s) Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0  
Seminar Hours: 3

HIST 558 The American West (3 crs)  
• Cross-listed with HIST 358. Credit may not be earned in both courses.  

Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 560 Modern France (3 crs)  
• Cross-listed with HIST 360. Credit may not be earned in both courses.  

Social, political, and cultural development of France from the French Revolution of 1789 to the present. Topics include industrialization, civil society, democratization, art and society, World War I and II, French imperialism, women and gender.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 562 Modern Germany (3 crs)  
• Cross-listed with HIST 362. Credit may not be earned in both courses.  

Since 1848, with emphasis on Bismarckian, Wilhelmian, Weimar, Nazi, and postwar period.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 566 History of Middle East Since Muhammad (3 crs)  
• Cross-listed with HIST 366. Credit may not be earned in both courses.  

The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergency of Modern Middle Eastern nations.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 568 Studies in American Indian History (3 crs)  
• Cross-listed with HIST 368 and AIS 368/AIS 568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.  

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century.  

Repeat: Course may be repeated for a maximum of 9 credits  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 569 Wisconsin Indian History (3 crs)  
• Cross-listed with HIST 369 and AIS 369/AIS 569. Credit may only be earned in one of these courses.  

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

HIST 570 History of the Family in America (3 crs)  
• Cross-listed with HIST 370. Credit may not be earned in both courses. No credit if taken after WMNS 470.  

Evolution of the American family from colonial times to the present. Emphasis on child raising, gender roles, the economic function of the family, the emergence of adolescence, the importance of kinship, and marriage practices.  

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0
HIST 573 American Women's History to 1870 (3 crs)
- Cross-listed with HIST 373 and WGSS 373/WGSS 573. Credit may only be earned in one of these courses.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 575 Twentieth Century Russia (3 crs)
- Cross-listed with HIST 375. Credit may not be earned in both courses.

Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 576 World War I and II Military (3 crs)
- Cross-listed with HIST 376. Credit may not be earned in both courses.

Explores World Wars I and II from the perspective of professional military history. Emphasizes strategy, tactics, decision-making, and battle history. The role of culture’s influence on strategy is discussed.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 577 American War in the Post 1945 World (3 crs)
- Cross-listed with HIST 377. Credit may not be earned in both courses.

American involvement in the Korean and Vietnam conflicts, military policy in between wars, Desert Shield/Desert Storm, and the home front impact of war. Emphasizes the daily lives of combatants.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 578 American Women's History Since 1870 (3 crs)
- Cross-listed with HIST 378 and WGSS 378/WGSS 578. Credit may only be earned in one of these courses.

Explores women’s relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women’s experience.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 579 Museums in the United States (3 crs)
- Cross-listed with HIST 380. Credit may not be earned in both courses.

Examines artifact analysis, museum history and methods. Students will design and install an exhibit at a local museum during the semester.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

HIST 581 Comparative Genocide (3 crs)
- Cross-listed with HIST 381. Credit may not be earned in both courses.

Examines the causes and implementation of genocide as well as strategies for preventing and combating genocidal hatred, especially through international law and institutions. Cases examined will be drawn from multiple time periods and global locations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 582 Imperialism Since 1800 (3 crs)
- Cross-listed with HIST 382. Credit may not be earned in both courses.

Examines the complex history of empire-building overseas, concentrating upon the era of “high” imperialism from the mid-nineteenth century through to the present. Particular focus on issues of race, gender and culture.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 583 Modern Africa (3 crs)
- Cross-listed with HIST 383. Credit may not be earned in both courses.

Examines the major components of Modern African history. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism as well as more recent political, social, cultural and economic change.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 584 The Vietnam War (3 crs)
- Cross-listed with HIST 384. Credit may not be earned in both courses. No credit if credit has been earned in POLS 384/POLS 584.

Examination of the conflicts in Vietnam, 1945-1975. Topics include: Vietnam in history; French colonial rule, nationalism and communism in Vietnam, U.S. policies, the debates of the war, and the legacy of the war.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 585 The History of Middle Eastern Muslim Women (3 crs)
- Cross-listed with HIST 385 and WGSS 385/WGSS 585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 586 Introduction to Public History (3 crs)
- Cross-listed with HIST 386. Credit may not be earned in both courses.

This course will introduce students to the theory and practice of a variety of history-related pursuits known collectively as public history because they are primarily aimed at audiences outside the university. Students will learn about a range of career options available to public historians, as well as the special challenges that they confront.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 587 Marco Polo’s World, 1250-1350 (3 crs)
- Cross-listed with HIST 387. Credit may not be earned in both courses.

An examination of Marco Polo’s journey from Europe to China as a way of exploring the connections between Europe, the Middle East, and Asia during the Age of the Mongols.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 588 History of China (3 crs)
- Cross-listed with HIST 388. Credit may not be earned in both courses.

Social, cultural, and political history of China, inclusive of women, ethnic minorities, and commoners, from the ancient period to the present.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 589 History of Japan (3 crs)
- Cross-listed with HIST 389. Credit may not be earned in both courses.

Social, economic, political, and intellectual development of Japan: emergence of Japanese civilization, the Heian period, the age of the samurai, the Meiji Restoration, and Japan in the twentieth century.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 592 History of Antisemitism (3 crs)

Global history of antisemitism from ancient world to the present, religious roots; economic and racial origins; impact of Zionism, Holocaust and Arab-Israeli conflict.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 593 Roots of Selected Contemporary World Problems (1-5 crs)
- Cross-listed with HIST 393. May be repeated when topic differs.

Selected world problems depending on student interest and staff. Number of credits assigned will vary according to the nature of the topic. Consult Class Schedule or department office for current offering.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 594 Studies in the History of Women (1-3 crs)
- Cross-listed with HIST 394 and WGSS 394/WGSS 594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult Class Schedule or department office for current offering.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with HIST 395.

Study of historical problem or topic.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 601 Public History in Great Britain (3 crs)
Consent: Instructor Consent Required
- Cross-listed with HIST 401. Credit may not be earned in both courses. Open only to students participating in the Public History in Great Britain international immersion experience.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 680 History of Wisconsin (3 crs)
- Cross-listed with HIST 480. Credit may not be earned in both courses.

Political, economic, and social development.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 686 Seminar in Public History (3 crs)
Prerequisite: HIST 386/HIST 586
- Cross-listed with HIST 486.

The seminar in public history is organized around completing a project in a particular field in the discipline. Students will conduct research and complete a written seminar paper that will serve as a part of a larger class product.
Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 691 Special Topics (1-3 crs)
- Cross-listed with HIST 491.

Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.
Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 701 Readings in European History (3 crs)
Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 705 Studies in History for Teachers (1-3 crs)
- Only three credits may count toward graduate-only credit.

A concentrated study of an historical topic for one or more weeks, depending on number of credits for which course is offered.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

HIST 707 Reading Historical Texts (1-3 crs)
Consent: Instructor Consent Required
Readings of historical texts in-translation or original language.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 711 Readings in U.S. History (3 crs)
Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 715 Colloquium in History (3 crs)
Various topics are offered as indicated in the current Class Schedule. Emphasizes mastery of major secondary literature. A paper treating the literature on a specific subject is required.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 719 Readings in Area of Thesis (3 crs)
Prerequisite: Nine graduate credits of history.
Consent: Instructor Consent Required
Independent study format. Reading in depth in area of concentration for thesis or research paper. Thesis/research paper adviser is instructor. Culminates in presentation of prospectus to thesis committee.
Grading Basis: No S/U Grade Option

HIST 725 Seminar in History (3 crs)
Various topics are offered as indicated in the schedule of classes. Introduces students to secondary literature on a topic as preparation for research in original sources leading to the writing of a paper to be presented to the class.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
HIST 790 Internship in Public History (1-3 crs)
Prerequisite: HIST 586 or consent of instructor, nine credits of graduate work in history.
Consent: Department Consent Required
Supervised assignment to museum, archives, historical site, or other agency for working experience as a public historian. Work will apply research skills and knowledge of history to help solve community problems.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

HIST 793 Current Trends in History (3 crs)
Examines the emergence of history as a profession, major subfields today within the discipline of history, methodologies and models currently influencing the work of historians, and dominant issues presently engaging the attention of historians.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 795 Research Paper (1-3 crs)
Prerequisite: HIST 719
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

HIST 796 Public History Thesis Practicum (1-3 crs)
Prerequisite: HIST 586; HIST 686; three credits in HIST 799 or concurrent enrollment in HIST 799
Consent: Instructor Consent Required
Practicum course designed to allow students to develop a public audience for their original research and to develop working experience as a public historian. In combination with HIST 799, this course constitutes a public history thesis option.
Grading Basis: PR Only Grade Basis

HIST 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 799 Thesis (1-6 crs)
Prerequisite: HIST 719
* Full-time equivalent.
A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

Hmong (HMNG)

HMNG 101 Beginning Hmong I (4 crs)
An introduction to Hmong language and culture. Students will gain a basic understanding of the Hmong language structure in writing, reading, grammar, and vocabulary and be exposed to Hmong traditions and customs.
Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication, Field Trip(s) Required
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

HMNG 102 Beginning Hmong II (4 crs)
Prerequisite: HMNG 101
Continuation of Hmong Language I. Study of grammar and culture with emphasis on reading, writing, speaking, and listening skills. Students gain greater understanding and appreciation of Hmong culture, literature, and current events through a variety of topics.
Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication, Field Trip(s) Required
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

HMNG 130 Hmong American Experiences in the U.S. (3 crs)
Prerequisite: No credit if taken after HUMS 110
An interdisciplinary examination of Hmong American refugee migration, history, politics, cultural transformations, and contemporary issues in the post-1975 era. Additional topics addressed may include race, religion, family, identity, gender, sexuality, education, and/or media.
Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HMNG 365 Intersectionality: Critical Approaches to Identity and Injustice (3 crs)
Prerequisite: HMNG 130 or WGSS 100.
* Credit may not be earned in both HMNG/WGSS 365. No credit if taken after WGSS 434 when offered as "Intersectionality: Critical Approaches to Identity and Injustice."
Uses an interdisciplinary humanities approach to critically examine the concept of intersectionality and its applications and implications on identities, historical and contemporary injustice, and social issues.
Attributes: LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
Honors Colloquia (HNRS)

HNRS 100 First-Year Honors Seminar (1 cr)
Prerequisite: Limited to students in the University Honors Program. Introduction to the University and to expectations of an Honors baccalaureate degree. Explores the value of a liberal education, the skills and knowledge needed to be an educated person, the roles of the University Honors Program and university requirements.

Attributes: Honor Course
Grading Basis: A-F Grades Only

HNRS 118 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Natural Science with Integration.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-I1 Integration, LE-K1 Natural Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 121 Honors Colloquium in Social Science (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 122 Honors Colloquium in Social Science with Equity, Diversity, and Inclusivity (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science and Equity, Diversity and Inclusivity.

Attributes: GE III Social Science-Interdisciplinary Study, Honor Course, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 127 Honors Colloquium in Social Science with Creativity (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Lower-level Honors course is social science with creativity.

Attributes: GE III Social Science-Interdisciplinary Study, Honor Course, LE-K2 Social Sciences, LE-S3 Creativity
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 129 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science and Equity, Diversity and Inclusivity (and Design for Diversity emphasis on traditionally underrepresented racial/ethnic groups).

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 131 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 132 Honors Colloquium in Humanities with Equity, Diversity, and Inclusivity (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities and Equity, Diversity and Inclusivity.

Attributes: GE IV Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 135 Honors Colloquium in Humanities with Communication (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Lower-level Honors Course in Humanities with Communication.

Attributes: GE IV Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-S1 Written and Oral Communication
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 137 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities with creativity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 138 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities with Integration.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-K3 Humanities, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
<th>Attributes</th>
<th>Repeat</th>
<th>Grading Basis</th>
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<tr>
<td>HNRS 141</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<td>HNRS 142</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE IV Humanities-Interdisciplinary Studies, Honor Course, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<td>HNRS 147</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S3 Creativity, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<td>HNRS 151</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<tr>
<td>HNRS 156</td>
<td>Honors Colloquium in Communication and Creativity (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, LE-S3 Creativity</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<tr>
<td>HNRS 158</td>
<td>Honors Colloquium in Communication with Integration (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-II Integration, LE-S1 Written and Oral Communication, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<tr>
<td>HNRS 171</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, Honor Course, LE-S3 Creativity, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<tr>
<td>HNRS 172</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, LE-S3 Creativity, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<td>HNRS 178</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, Honor Course, LE-I1 Integration, LE-S3 Creativity, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<td>HNRS 187</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
</tr>
<tr>
<td>HNRS 188</td>
<td>Honors Colloquium (3-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Cultural Diversity Variable, GE V University Wide, Honor Course, LE-II Integration, LE-R2 Global Perspectives, Service-Learning Variable</td>
<td>Course may be repeated</td>
<td>A-F Grades Only</td>
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<tr>
<td>HNRS 275</td>
<td>Honors Study Abroad Experience-Freshmen and Sophomores (1-4 crs)</td>
<td>Limited to students in the University Honors Program</td>
<td>Honor Course, Special Course Fee Required Varies by Term/Section</td>
<td>Course may be repeated for a maximum of 8 credits</td>
<td>A-F Grades Only</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Description</td>
<td>Prerequisites</td>
<td>Attributes</td>
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<td>HNRS 295</td>
<td>Honors Directed Study-Freshmen and Sophomores (1-4 crs)</td>
<td>Limited to students in the University Honors Program. Freshman or sophomore standing.</td>
<td>Limited to students in the University Honors Program. Freshman or sophomore standing.</td>
<td>Honor Course, Special Course Fee Required</td>
<td>Varies by Term/Section</td>
</tr>
<tr>
<td>HNRS 298</td>
<td>Honors Internship Experience-Freshmen and Sophomores (1-4 crs)</td>
<td>Freshman or sophomore standing.</td>
<td>Limited to students in the University Honors Program. Freshman or sophomore standing.</td>
<td>Honor Course, Special Course Fee Required</td>
<td>Varies by Term/Section</td>
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<tr>
<td>HNRS 299</td>
<td>Honors Independent Study-Freshmen &amp; Sophomores (1-4 crs)</td>
<td>Individual research, scholarly, or creative projects under the supervision of a faculty member.</td>
<td>Limited to students in the University Honors Program. Freshman or sophomore standing.</td>
<td>Honor Course, Special Course Fee Required</td>
<td>Varies by Term/Section</td>
</tr>
<tr>
<td>HNRS 300</td>
<td>Honors Colloquium (1-4 crs)</td>
<td>Honors Course in Humanities.</td>
<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>Cultural Diversity Variable, Honor Course, Service-Learning Variable</td>
<td>Variable</td>
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<tr>
<td>HNRS 318</td>
<td>Honors Colloquium in Natural Science with Integration (3-4 crs)</td>
<td>Upper-level Honors Course in Natural Science with Integration.</td>
<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>GE II Natural Sciences, Honor Course, LE-I1 Integration, LE-K1 Natural Sciences</td>
<td>Variable</td>
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<tr>
<td>HNRS 323</td>
<td>Honors Colloquium in Social Science with Global Perspective (3-4 crs)</td>
<td>Honors Course in Social Science and Civic, Social and Environmental Responsibility.</td>
<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-R2 Global Perspectives</td>
<td>Variable</td>
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<tr>
<td>HNRS 324</td>
<td>Honors Colloquium in Social Science with Civic, Social, and Environmental Responsibility (3-4 crs)</td>
<td>Honors Course in Social Science with Civic, Social, and Environmental Responsibility.</td>
<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Service-Learning Variable</td>
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<td>HNRS 325</td>
<td>Honors Colloquium in Social Science with Communication (3-4 crs)</td>
<td>Honors Course in Social Science and Communication.</td>
<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-S1 Written and Oral Communication, Service-Learning Variable</td>
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<tr>
<td>HNRS 328</td>
<td>Honors Colloquium (3-4 crs)</td>
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<td>Limited to students in the University Honors Program. Minimum sophomore standing.</td>
<td>Cultural Diversity Variable, GE III Social Science, Honor Course, LE-I1 Integration, LE-K2 Social Sciences, Service-Learning Variable</td>
<td>Variable</td>
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</table>
HNRS 331 Upper-level Honors Colloquium in Humanities (3-4 crs)
Prerequisite: Minimum sophomore standing. Limited to students in the University Honors Program.
Upper-level Honors Colloquium in Humanities
Attributes: GE IV Humanities, Honor Course, LE-K3 Humanities, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 332 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Humanities with equity, diversity, and inclusivity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 333 Honors Colloquium in Humanities with Global Perspective (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Humanities with Global Perspective.
Attributes: GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-R2 Global Perspectives
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 337 Honors Colloquium in Humanities with Creativity (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Humanities and Creativity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 338 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Humanities and Creativity.
Attributes: GE IV Humanities, Honor Course, LE-I1 Integration, LE-K3 Humanities
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 339 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Humanities with equity, diversity, and inclusivity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 341 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Arts with communication.
Attributes: GE IV Humanities, Honor Course, LE-K4 Fine Arts
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 345 Honors Colloquium in Arts with Communication (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Arts with Communication.
Attributes: GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S1 Written and Oral Communication
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 358 Honors Colloquium in Communication with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Communication with Integration.
Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-I1 Integration, LE-S1 Written and Oral Communication, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 368 Honors Colloquium in Mathematics with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Upper-level Honors Course in Mathematics with Integration.
Attributes: Honor Course, LE-I1 Integration, LE-S2 Mathematics
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
HNRS 371 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Creativity.
Attributes: Cultural Diversity Variable, Honor Course, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 372 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Creativity.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 375 Honors Study Abroad Experience-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Honors study abroad experience for juniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 378 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Honors Course in Creativity with Integration.
Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-S3 Creativity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 381 Honors Colloquium (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Upper-level Honors Course in Equity, Diversity and Inclusivity.
Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 385 Honors Colloquium in Equity, Diversity and Inclusivity with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Upper-level Honors Course in Equity, Diversity and Inclusivity with Integration.
Attributes: Honor Course, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 387 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Upper-level Honors colloquium in global perspectives with civic, social, and environmental responsibilities.
Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 388 Honors Colloquium in Global Perspective with Integration (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Not maintained. Use 10438
Upper-level Honors course in Global Perspective with Integration.
Attributes: Honor Course, LE-I1 Integration, LE-R2 Global Perspectives
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 389 Honors Colloquium (3-4 crs)
Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.
Honors Course in Civic, Social and Environmental Responsibility.
Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 395 Honors Directed Study-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Study of a problem or topic in collaboration with a faculty member in the discipline.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only
HNRS 398 Honors Internship Experience-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Honors internship experience for juniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 399 Honors Independent Study-Juniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Junior standing.
Consent: Department Consent Required
Individual research, scholarly, or creative projects under the supervision of a faculty member.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 400 Senior Honors Seminar (1 cr)
Prerequisite: Limited to students in the University Honors Program. Senior standing, or Department Consent Required. If repeated, the second course can count toward the required 24 credits of Honors colloquia and electives. A capstone course that explores students’ undergraduate experiences, the value of a liberal education, and the value of an Honors education. Prepares Honors students for post-graduate opportunities.
Attributes: GE IV Humanities, Honor Course, Capstone Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only

HNRS 410 Mentoring in Honors (1 cr)
Prerequisite: HNRS 100, HNRS 400, or concurrent enrollment in HNRS 400. Minimum junior standing. Limited to students in the University Honors Program. With permission from the Honors Director, credit may be earned in both HNRS 410 and HNRS 420. Consent: Department Consent Required
Assist in instruction of Hnrs 100, the First-Year Honors Seminar. Focus on the value of a baccalaureate education and on what constitutes an educated person. Open to juniors and seniors with permission of the Director of the University Honors Program.
Attributes: GE IV Humanities, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 420 Tutoring in Honors (1 cr)
Prerequisite: Minimum junior standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420. Consent: Department Consent Required
Assist in instruction of an Honors course previously completed. Open to juniors and seniors with permission of the Director of the University Honors Program.
Attributes: GE III Social Science, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 475 Honors Study Abroad Experience-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Honors study abroad experience for seniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 490 Honors Senior Thesis or Project (1-6 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Research and writing/preparation of Honors Senior Thesis or Honors Senior Project.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

HNRS 495 Honors Directed Study-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Study of a problem or topic in collaboration with a faculty member in the discipline.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 498 Honors Internship Experience-Seniors (1-4 crs)
Prerequisite: Limited to students in the University Honors Program. Senior standing.
Consent: Department Consent Required
Honors internship experience for seniors.
Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only
### Humanities (HUMS)

**HUMS 210 Voices of Color in America (3 crs)**
- **Coordinating Department:** English

Examines intersections of themes and concerns expressed in music, literature, language, film, folklore, history, and art in the U.S.: American Indian, African American, Hispanic American, and Asian American, especially Hmong.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**HUMS 301 Responses to Colonialism (3 crs)**
- **Coordinating Department:** History

Historical, literary, and geographical perspectives on the encounters between Europeans and the indigenous peoples of the Americas, Asia, Africa, and the Middle East since 1492. Emphasis on the dialogues between the colonizers and the colonized.

Attributes: GE IVE Humanities-Interdisciplinary Studies

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

### Information Systems (IS)

**IS 220 Service-Learning in Information Systems (1 cr)**
- **Consent:** Instructor Consent Required
- • *No credit toward IS major.*

Provides opportunity to obtain practical experience in analysis, design, and implementation of information systems. All assignments must be completed within one calendar year (preferably one semester). Assignments outstanding longer than one year will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

**IS 240 Information Systems in Business (3 crs)**
- **Prerequisite:** Minimum sophomore standing, or consent of instructor.
- • *This course requires access to a laptop computer which can be brought to class when required.*

A study of information systems in business to include management decision support systems, concepts of systems analysis and design, and information processing. Students will learn to use and apply various software programs as productivity tools.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**IS 290 Introduction to Database Applications (3 crs)**
- • *This course requires access to a laptop computer which can be brought to class when required.*

An introduction to database applications created by end users. Students will learn to construct a database, user interface, and reports to summarize data.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**IS 304 Fundamentals of Business Programming (3 crs)**
- **Prerequisite:** IS 240 or consent of instructor.
- • *This course requires access to a laptop computer which can be brought to class when required.*

Fundamental skills and knowledge for programming business applications including interface design, writing documentation, and using debugging tools. Procedural programming structures and design considerations and interface object use are presented in a state-of-the-art integrated development environment.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**IS 310 Systems Analysis and Design (3 crs)**
- **Prerequisite:** IS 240
- • *This course requires access to a laptop computer which can be brought to class when required.*

Introduces theory and practice of systems analysis and design. Topics include determining business requirements, documenting organizational processes, analyzing information flows, reengineering/designing information systems, and managing projects. Team project required.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
IS 314 Business Software Engineering (3 crs)
Prerequisite: IS 304, 310 or concurrent enrollment; or consent of instructor.
  • This course requires access to a laptop computer which can be brought to class when required.
Develops object-oriented programming skills at the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using programming tools. Utilizes beginning SQL programming techniques and a state-of-the-art integrated development environment.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 320 Internship in Information Systems I (1-3 crs)
Prerequisite: IS 240. No credit if taken after IS 420. Limited to IS Majors. Minimum sophomore standing. Consent: Department Consent Required
  • Internship enrollment form available in IS department office.
Initial coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business activities related to the IS major.
Attributes: LE-I1 Integration, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

IS 324 Object-Oriented Systems (3 crs)
Prerequisite: IS 304, IS 310
  • This course requires access to a laptop computer which can be brought to class when required.
An introduction to Object-Oriented Analysis, Design and Implementation language and concepts. Iterative methodologies are described. Design patterns and tiered architectures are investigated. An object-oriented system is used to illustrate the concepts.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 344 Database Management Systems (3 crs)
Prerequisite: IS 304, 310
  • This course requires access to a laptop computer which can be brought to class when required.
Study of physical and logical design and structure of relational databases; overview of SQL; hands-on experience with client/server database management software. Group project required.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 345 Networking with Client Operating Systems (3 crs)
Prerequisite: IS 240.
  • This course requires access to a laptop computer which can be brought to class when required.
Study of enterprise networking from a client operating system perspective. Theory and practice of topics such as networking models, domains, Active Directory, domain client, desktop/user profiles, resource sharing, authentication, and network security.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 365 Information Assurance (3 crs)
Prerequisite: IS 310. Minimum junior standing.
  • This course requires access to a laptop computer which can be brought to class when required.
Conceptual frameworks for information assurance: asset valuation, security threats, risk assessment, policy development, policy implementation, controls, business continuity planning, and disaster recovery. Communication and analytical skills are enhanced through a case-based approach.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 375 Server-based Networking & Security (3 crs)
Prerequisite: IS 345
  • This course requires access to a laptop computer which can be brought to class when required.
Study of theory and practice of enterprise networking from a server operating system perspective. Topics include domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 384 Advanced Design and Development (3 crs)
Prerequisite: IS 344
  • This course requires access to a laptop computer which can be brought to class when required.
Real-world information systems design and development cases. Includes project management in real organizational contexts. Requires understanding of design and development but not expertise. Leadership development via participation in multi-skilled teams.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
IS 391 Selected Topics in Information Systems (1-3 crs)
• Admission to College of Business not required. Available to non-business students. Selected topics in information systems. Small groups will study topics selected because of a special interest in them on the part of students or faculty.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

IS 399 Independent Study - Juniors (1-3 crs)
Consent: Department Consent Required
• Enrollment form available in IS department office.
Repeat: Course may be repeated

IS 410 Network and Data Security (3 crs)
Prerequisite: IS 304, 345
• This course requires access to a laptop computer which can be brought to class when required.
Addresses hardware and software fundamentals of network security including access control security, information security, and security planning and development. Develops students' working knowledge of available methods and tools for enhancing enterprise data and network security.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 420 Internship in Information Systems (1-3 crs)
Prerequisite: Limited to IS majors.
Consent: Department Consent Required
• IS 310, IS 344, and IS 345 are recommended prior to enrollment in this course. Internship enrollment form available in IS department office.
Internship-type experiences in business situations relevant to the student's major field of study, under supervision of a faculty member.
Attributes: LE-I Integration, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 450 Distributed Systems Development (3 crs)
Prerequisite: IS 314 or equivalent; IS 344 and IS 345 or concurrent; or consent of instructor.
• This course requires access to a laptop computer which can be brought to class when required.
A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 455 Project Management (3 crs)
Prerequisite: IS 304 and IS 310. Minimum junior standing.
• This course requires access to a laptop computer which can be brought to class when required.
Focus on information systems projects: methodology selection, initiating, planning, executing, control and closing. Issues of time, scope, cost, quality and risk are investigated. Writing and software development skills are enhanced.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 460 Seminar in Information Systems (3 crs)
Prerequisite: IS 344 and IS 345. Limited to IS majors.
• This course requires access to a laptop computer which can be brought to class when required. Limited to graduating seniors.
In-depth study of current IS topics and discussion of current IS issues and trends. Includes integrated communication component and team-based information systems development project.
Attributes: Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 475 Electronic Business (3 crs)
Prerequisite: IS 310
• This course requires access to a laptop computer which can be brought to class when required.
Basics of electronic commerce, on the Internet, electronic data interchange, electronic funds transfer, etc. Students will address current applications for a wide range of businesses.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 491 Selected Topics (1-3 crs)
Prerequisite: Minimum junior standing.
Selected topics in information systems. Small groups will study topics selected because of a special interest in them on the part of students or faculty.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

IS 495 Directed Studies (1-3 crs)
Prerequisite: Limited to IS majors. Minimum junior standing.
Consent: Department Consent Required
Internship-type experiences in business situations relevant to the student's major field of study, under supervision of a faculty member.

IS 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
• Enrollment form available in IS department office.
Repeat: Course may be repeated
IS 740 Managing Information Technology Foundation (2 crs)
Prerequisite: Limited to MBA students.
• No credit if taken after IS 240. Not for MBA degree credit.
Study of the managerial process used when working with information and information systems. Specific attention is given to the principles of systems development and underlying concepts.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

IS 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Interdisciplinary Studies (IDIS)

IDIS 125 Brain: Introduction to Neuroscience (4 crs)
• Coordinating Department: Biology. No credit if taken after BIOL 470, PSYC 375, IDIS 152 when offered as Brain: Introduction to Neuroscience.
The brain and how it works including sense, movements, emotions, and the malfunctioning brain. Readings in popular publications. Emphasis on understanding how brain function is central to almost everything in day-to-day life.
Attributes: GE IIF Natural Science-Interdisciplinary Studies, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

IDIS 131 Distance Running for Health and Fitness (2 crs)
• Coordinating Department: Kinesiology. No credit if taken after KINS 101 or KINS 186 when offered as Distance Running.
Design and implement a distance running training plan; learn the importance of wellness as related to health, nutrition, goal setting and resilience.
Attributes: Physical Activity, LE-II Integration, Field Trip(s) Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

IDIS 152 Interdisciplinary Studies in the Natural Sciences (1-4 crs)
• Coordinating Department: College of Arts and Sciences.
Exploration of topics and issues in the natural sciences from multiple perspectives.
Attributes: GE IIF Natural Science-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 4 credits

IDIS 153 Interdisciplinary Studies in the Social Sciences (1-3 crs)
• Coordinating Department: College of Arts and Sciences.
Exploration of topics and issues in the social sciences from multiple perspectives.
Attributes: GE IIIG Social Science-Interdisciplinary Study
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 154 Interdisciplinary Studies in the Humanities (1-3 crs)
• Coordinating Department: College of Arts and Sciences.
Exploration of topics and issues in the humanities from multiple perspectives.
Attributes: GE IVE Humanities-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 155 Interdisciplinary Studies Across General Education Categories (1-3 crs)
• Coordinating Department: College of Arts and Sciences.
Exploration of topics and issues from the perspective of two or more General Education areas: communications, natural sciences, social sciences, and/or humanities.
Attributes: GE V University Wide, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 173 Introduction to Social Justice (3 crs)
• Coordinating Department: College of Arts and Sciences. Enrollment priority given to Social Justice Living-Learning Community members. No credit if taken after IDIS 153, when offered as "Introduction to Social Justice."
Introduces students to social justice concepts, policies, and perspectives from the standpoint of the social sciences. Addresses equity, diversity and inclusivity issues and social justice struggles and successes in multiple communities and groups.
Attributes: Cultural Diversity 1 cr., GE IIIG Social Science-Interdisciplinary Study
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
IDIS 174 Social Justice in the Humanities (3 crs)
- Coordinating Department: College of Arts and Sciences. Enrollment priority given to Social Justice Living-Learning Community members. No credit if taken after IDIS 154, when offered as "Social Justice in Film and Music."

Students will critically engage with and analyze work in the humanities that focuses on communities, groups, and individuals confronting social injustice, along with their struggles and successes when seeking social justice.

Attributes: GE IVE Humanities-Interdisciplinary Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 187 Integrative Seminar (1 cr)
- Coordinating Department: Undergraduate Studies. Permission required by Undergraduate Studies. Must be enrolled in at least one course in relevant learning community.

Facilitates integration between linked courses in a learning community.

Attributes: GE V University Wide
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

IDIS 190 Leadership for a Better World (1 cr)
- Coordinating Department: Communication and Journalism. Enrollment priority given to Leadership Living-Learning Community members. No credit if credit has been earned in BSAD 191 when offered as Leadership for a Better World.

This is an experiential course analyzing values of the Social Change Model of Leadership, exploring leadership identity/competencies, personal values, identifying strategies for positive change, and discussing current leadership issues.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

IDIS 230 Experiential Internship (1-3 crs)
Consent: Department Consent Required
- Coordinating Department: Career Services. Must have completed 24 credit hours (or in-progress), and be in good academic standing.

Provides career-related work that extends learning beyond the classroom. Involves international learning and active reflection tied to the student’s academic and career interests.

Attributes: Service-Learning Optional, Field Trip(s) Required, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits

IDIS 260 Techniques of the Singing/Speaking Voice (2 crs)
- Coordinating Department: Music and Theatre Arts.

Study of voice techniques and vocal health for the singing and speaking voice.

Attributes: Wellness Theory, GE IVE Humanities-Interdisciplinary Studies, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

IDIS 285 Integrating the Social Sciences: The Social Studies (3 crs)
Prerequisite: Limited to Broadfield Social Studies majors; Social Studies teaching minors; Social Science teaching majors/minors.
- Coordinating Department: Education Studies.

This course intends to influence teachers’ abilities to understand the nature of the social studies in relation to the integration of the social sciences and the humanities with the goal of influencing civic competence.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 300 Integrated Performing Arts Across the Curriculum (3 crs)
Prerequisite: Minimum sophomore standing or by consent from the instructors
- Coordinating Department: Music and Theatre Arts

An introduction to the theories and practices of dance, music, and theatre techniques appropriate for integration across curriculum grades 1-8. Open to all majors.

Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

IDIS 301 Exploring Mind/Body Connections (3 crs)
Prerequisite: PSYC 100 or permission of instructors.
- Coordinating Department: Nursing

Examines interactions among biological, psychological, educational, lifestyle, social, and cultural factors associated with health. Emphasis on stress responses that impact etiology and course of health problems, illness prevention and treatment approaches, research-supported health strategies.

Attributes: Wellness Theory, GE IIIG Social Science-Interdisciplinary Study
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 302 Race and Racism in the USA (3 crs)
Prerequisite: Minimum junior standing.
- Coordinating Department: English.

Weaves together cross-disciplinary knowledge by combining the views and methods of humanities and social sciences to analyze selected institutional principles that shape the constructions of race and racism in America.

Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
IDIS 310 The Science of Science Fiction (3 crs)
Prerequisite: Minimum sophomore standing.
- Coordinating Department: Physics and Astronomy.

Study of science and its popular conceptions and misconceptions, as seen in science fiction literature and film. Emphasis on physics with connections to biology, chemistry, computer science, other sciences, and the humanities.
Attributes: GE IIF Natural Science-Interdisciplinary Studies, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 340 Central European Travel Seminar (3 crs)
Prerequisite: HIST 280 or ARTH 350, or another spring semester preparatory course in an appropriate department (depending on specific faculty).
- Coordinating Department: History• Restricted to students participating in INTA 316 Central European Travel Seminar.

Interdisciplinary summer travel seminar occurring most often in Berlin, Prague, Brno, Vienna, Budapest, and Krakow that builds on groundwork laid in a preparatory spring semester course. Seminar involves advanced on-site study and research across three disciplines.
Attributes: Foreign Culture, GE V University Wide, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 351 Advanced Interdisciplinary Studies in Communications (1-3 crs)
Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).
- Coordinating Department: College of Arts and Sciences.

Advanced study of topics and issues in the communications field from multiple perspectives.
Attributes: GE IC Communication-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 352 Advanced Interdisciplinary Studies in the Natural Sciences (1-4 crs)
Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).
- Coordinating Department: College of Arts and Sciences.

Advanced study of topics and issues in the natural sciences from multiple perspectives.
Attributes: GE IIF Natural Science-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 4 credits

IDIS 353 Advanced Interdisciplinary Studies in Social Sciences (1-3 crs)
Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).
- Coordinating Department: College of Arts and Sciences.

Advanced study of topics and issues in the social sciences from multiple perspectives.
Attributes: GE IIIG Social Science-Interdisciplinary Study
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 354 Advanced Interdisciplinary Studies in the Humanities (1-3 crs)
Prerequisite: Junior standing or lower level course in appropriate field as determined by the instructor(s).
- Coordinating Department: College of Arts and Sciences.

Advanced study of topics and issues in the humanities from multiple perspectives.
Attributes: GE IVE Humanities-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 355 Advanced Interdisciplinary Studies Across General Education Categories (1-3 crs)
- Coordinating Department: College of Arts and Sciences.

Advanced study of topics and issues from the perspective of two or more General Education areas: communications, natural sciences, social sciences, and/or humanities.
Attributes: GE V University Wide, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 360 The Workforce in Music, Literature, and Art (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.
- Coordinating Department: Music and Theatre Arts.

Students will examine the ways that different professions and professional communities are represented in art, literature, and music. Topics include urban/rural work, employer/employee relations, and race/class/gender/sexuality in the workplace.
Attributes: GE IVE Humanities-Interdisciplinary Studies, BPS Flat Rate Tuition Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
IDIS 370 Science and Society (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.
  • Coordinating Department: Biology

This course examines how science affects our social, cultural, economic, and political lives. Emphasis will be on the ethical, legal, and social issues arising from the knowledge, advancements, applications, and technologies gained from natural sciences.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 380 McNair Fall Seminar for Juniors (2 crs)
Prerequisite: Minimum resident and total GPA of 2.75.
Consent: Department Consent Required
  • Coordinating Department: McNair Program Office. Restricted to McNair Scholars.

Seminar provides an orientation to McNair Program goals and activities, and enhances students' ability to undertake undergraduate research. Course provides an interdisciplinary perspective on the research process for students who desire to become college professors/researchers.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

IDIS 381 McNair Spring Seminar for Juniors (2 crs)
Prerequisite: IDIS 380. Resident and total GPA of 2.75.
Consent: Department Consent Required
  • Coordinating Department: McNair Program Office. Restricted to McNair Scholars.

McNair Scholars refine the scope and design of their research projects, learn about the development of the American research community across the twentieth century, attend research presentations, and begin evaluating prospective graduate institutions and mentors.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

IDIS 387 Advanced Integrative Seminar (1 cr)
Prerequisite: Minimum sophomore standing.
  • Coordinating Department: Undergraduate Studies. Permission required by Undergraduate Studies. Must be enrolled in at least one course in relevant learning community.

Facilitates integration between linked courses in a learning community.

Attributes: GE V University Wide
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

IDIS 398 International Internships (1-6 crs)
Prerequisite: Sophomore standing, 2.50 GPA. Department (Center for International Education) consent required
Consent: Department Consent Required
Variable Hours: 1-6
Coordinating Department: Career Services. Must have at minimum sophomore standing and a 2.50 GPA. Department/Program consent required. Note: Center for International Education will be the unit providing consent to enroll. International eight week summer internship opportunities offered through Academic Programs International at multiple locations with placement best suited to student's academic and career goals. Internships are unpaid and housing varies by location. To apply, contact the Center for International Education.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only

IDIS 410 Fine Arts Administration Seminar (3 crs)
Prerequisite: Twelve credits of adviser-approved electives in Fine Arts Administration certificate program. Minimum grade of C+ required in all adviser-approved electives.
Consent: Instructor Consent Required
  • Coordinating Department: Music and Theatre Arts. Limited to students enrolled in the Fine Arts Administration certificate program or by permission of the instructors.

An overview of the field of arts administration offering a practical approach examining literature, resources, programs, organizations, and individuals. The course provides a capstone experience, bringing together elements of program management learned in related courses.

Attributes: Capstone Course
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 480 McNair Fall Seminar for Seniors (2 crs)
Prerequisite: IDIS 381. Minimum resident and total GPA of 2.75.
Consent: Department Consent Required
  • Coordinating Department: McNair Program Office. Restricted to McNair Scholars.

Scholars prepare and formally present their research findings to academic audiences as journal articles, conference presentations, and posters. They prepare for and take the GRE, and refine and submit application materials to graduate schools.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
IDIS 481 McNair Spring Seminar for Seniors (1 cr)
Prerequisite: IDIS 480. Minimum resident and total GPA of 2.75.
Consent: Department Consent Required
  • Coordinating Department: McNair Program Office. Restricted to McNair Scholars.

Seminar focuses on how universities operate and what factors drive academics' careers--tenure and academic freedom, professional ethics, diversity, faculty governance and collegiality, funding agencies/foundations and academic publishing. Also covers graduate school progress/finances.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

IDIS 540 Central European Travel Seminar (3 crs)
Prerequisite: HIST 280 or ARTH 350, or another spring semester preparatory course in an appropriate department (depending on specific faculty).
  • Coordinating Department: History• Cross-listed with IDIS 340. Credit may not be earned in both courses. Restricted to students participating in Central European Travel Seminar.

Interdisciplinary summer travel seminar occurring most often in Berlin, Prague, Brno, Vienna, Budapest, and Krakow that builds on groundwork laid in a preparatory spring semester course. Seminar involves advanced on-site study and research across three disciplines.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

International Business (INTB)

INTB 361 International Experience in India (3 crs)
Prerequisite: ECON 103 or ECON 104. Total GPA 2.60 or higher
  • Fifteen (15) hours of on-campus instruction required during the Fall semester prior to the Winterim study abroad. Students interested in taking this course need to contact the Management and Marketing Department and the Center for International Education before Sept. 15 in the Fall semester prior to the Winterim study abroad.

An interdisciplinary introduction to contemporary Indian business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-R2 Global Perspectives, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

INTB 362 International Experience in China (3 crs)
Prerequisite: ECON 103 or ECON 104. Total GPA 2.60 or higher
  • Fifteen (15) hours of on-campus instruction required during the Spring semester prior to the Summer interim term study abroad. Students interested in taking this course should contact the Management and Marketing Department and the Center for International Education before Feb. 1 in the Spring semester prior to the Summer Intern study abroad.

An interdisciplinary introduction to contemporary Chinese business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-R2 Global Perspectives, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

INTB 491 Topics in International Business (1-3 crs)
Prerequisite: MGMT 340 and MKTG 330. Minimum junior standing.
  • Course may be repeated when topic differs.

Current issues in international business will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary management professionals.

Repeat: Course may be repeated for a maximum of 99 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

International Exchange Programs (INTX)

INTX 312 University of Graz, Austria (12-18 crs)
Prerequisite: GERM 202. Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
  • Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill GE upon completion of 11 assignments when abroad.

An exchange program for one semester or the academic year. Students may take courses for international students or regular university courses. Students live in apartments or dormitories. Five scholarships of up to $2,000 are available to accepted students.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTX 332 Ajou University, Korea (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

Students attend courses scheduled at Ajou University in South Korea. A one or two semester program, students may choose from a comprehensive curriculum and take any course for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 335 Kansai Gaidai University of Foreign Studies-Hirakata City, Japan (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

An exchange program for one semester or the academic year in Hirakata City near Kyoto, the old capital of Japan. Students take Asian Studies courses taught in English and Japanese language courses. Students live in dormitories or with host families.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 337 University of Winchester, England (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

Fall semester exchange program with University of Winchester in Winchester, England. Students may choose from all classes for which they have appropriate prerequisites. Students live in residence halls on or near campus.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 344 Ajou University, South Korea (6-7 crs)
Prerequisite: Minimum total GPA of 2.30. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

Students attend courses scheduled at Ajou University’s International Summer School. Courses are typically offered in business and economics, Korean language, and social sciences. Students live in university residence halls.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 348 Murdoch University-Perth, Australia (12-18 crs)
Prerequisite: Minimum total GPA of 2.75.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

Students can attend courses at Murdoch University during either semester or for the calendar year. Students may choose from a comprehensive curriculum, and take any courses for which they have met the appropriate prerequisites. Housing is in the university apartments.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 349 University of Limerick, Ireland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full 11 upon completion of I1 assignments when abroad.

A one or two semester exchange program with the University of Limerick in Limerick, Ireland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTX 351 Southern Cross University-Lismore, Australia (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

An exchange program for one semester or the calendar year with Southern
Cross University. Students may choose from all classes for which they have
appropriate prerequisites. Students live in university apartments.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 361 Linnaeus University, Sweden (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

An exchange program for one semester or academic year with Linnaeus
University. Linnaeus has a wide course selection but is primarily known for its
courses in the business, economic, social, and teaching sectors. International
courses are taught in English. Students live in university accommodation.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 381 University of Aberdeen, Aberdeen, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

A one or two semester exchange program with the University of Aberdeen in
Aberdeen, Scotland. Students may choose from all classes for which they have
appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 384 Universität-Marburg (12-18 crs)
Prerequisite: Minimum total GPA of 2.5. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

A one semester or academic year exchange. Prior German language study
required for regular university classes. International Undergraduate Studies
Program is open to students with no prior study of German. Housing is in
university residences.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 395 University of Glasgow, Glasgow, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

A one or two semester exchange program with the University of Glasgow in
Glasgow, Scotland. Students may choose from all classes for which they have
appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 398 University of Stirling, Stirling, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete
Foreign Culture requirement upon successful program completion. Individual
courses may apply toward LE, if appropriate. This program can full I1 upon
completion of I1 assignments when abroad.

A one or two semester exchange program with the University of Stirling in
Stirling, Scotland. Students may choose from all classes for which they have
appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTX 405 Chile, Pontificia Universidad Católica de Valparaíso (12-18 crs)
Prerequisite: Minimum total GPA of 2.75. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students attending the Pontificia Universidad Católica de Valparaíso take Spanish language courses, along with regular university offerings. Students live with host families.
Attributes: Foreign Culture, Special Course Fee Required
Grading Basis: A-F Grades Only

INTX 411 University of Stellenbosch, South Africa Exchange Program (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

The University of Stellenbosch is a bilingual university-Afrikaans and English. Courses may be taught in either language. Students can enroll in regular university courses and international programs taught in English. Students live in university residence halls.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 421 University of Valladolid Exchange (12-18 crs)
Prerequisite: INTA 380. Minimum total GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students who have completed the University of Valladolid fall program may continue as exchange students in the spring, taking classes from the regular university catalog. Service-learning is possible in January. Housing is in student apartments.
Attributes: Foreign Culture, Service-Learning Optional, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 436 UPAEP, Puebla, Mexico (12-18 crs)
Prerequisite: SPAN 301. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A semester or academic year exchange to UPAEP in Puebla, Mexico. Students can take course for international students and regular university courses. Service-learning is possible. Students live with host families.
Attributes: Foreign Culture, Service-Learning Optional, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 438 Pontificia Universidad Catolica del Peru (PUCP) Lima Peru (12-18 crs)
Prerequisite: SPAN 302. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students attending the Pontificia Universidad Catolica del Peru (PUCP) take regular university offerings taught in Spanish. Students live with host families.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

International Studies (INTS)

INTS 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
• The student must have successfully completed at least one course that directly relates to the subject chosen for the directed study.

A scholarly investigation of a subject appropriate to the country in which the student is studying. Directed by a member of the UW-Eau Claire resident faculty and assisted by a local resource person.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Repeat: Course may be repeated

INTS 399 Independent Study - Juniors (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Attributes: Foreign Culture
Repeat: Course may be repeated
INTS 498 International Education Internship (1-6 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
  • Student must apply for internship, interview, and be offered a position.

Pre-professional internships intended to provide students with concrete, applicable experience in the field of International Education. A complete description of all internships is available in the Center for International Education.

Attributes: Service-Learning Optional, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No Auditors

INTS 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Attributes: Foreign Culture
Repeat: Course may be repeated

INTS 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
  • Cross-listed with INTS 395. The student must have successfully completed at least one course that directly relates to the subject chosen for the directed study.

A scholarly investigation of a subject appropriate to the country in which the student is studying. Directed by a member of the UW-Eau Claire resident faculty and assisted by a local resource person.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

INTS 698 International Education Internship (1-6 crs)
Consent: Department Consent Required
  • Cross-listed with INTS 498. Student must apply for internship, interview, and be offered a position.

Pre-professional internships intended to provide students with concrete, applicable experience in the field of International Education. A complete description of all internships is available in the Center for International Education.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only

International Studies Abroad (INTA)

INTA 301 USAC-University of Pau, France Summer (4-11 crs)
Consent: Department Consent Required
  • Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students attend University of Pau, France, through the University Studies Abroad Consortium (USAC), where they will study French language and culture for four or nine weeks. Students live in the dormitories or with a host family.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 303 Study Abroad USAC University of Pau, France (12-18 crs)
Prerequisite: FREN 201. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
  • Individual courses may apply toward GE, if appropriate. Students can attend for the full academic year or for the Spring semester. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students attend University of Pau, France, through the University Studies Abroad Consortium (USAC), where they will study French language and culture. Students may choose to live in the university dormitories or with a host family.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 305 USAC Cuba Short Term (3-8 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
  • Individual courses may apply toward GE, if appropriate. Three credits (if taken with Cuban faculty) of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A 3-6 week summer program or 3 week Winterim program located in Habana, Cuba. Students enroll in a variety of Cuban culture and Central American history and politics courses. Some excursions are included and optional excursions are offered. Students live in bed and breakfast style apartments.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTA 309 USAC-Lyon, France Semester (12-18 crs)
Prerequisite: FREN 201. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

Students attend University of Lyon 2, through the University Studies Abroad Consortium (USAC), where they will study French language and culture. Students may choose to live in the university dormitories or with a host family.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 312 USAC Costa Rica, Universidad Nacional de Costa Rica (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

Students attend the Universidad Nacional de Costa Rica, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 313 USAC Costa Rica, Universidad Nacional de Costa Rica - Summer (3-10 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. 3 week session can fulfill 1/3 of the Foreign Culture requirement upon successful program completion. 5 week, or 8 week session can fulfill 2/3 of the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

Students attend the Universidad Nacional de Costa Rica, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 318 Study Abroad-Limerick, Ireland (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

A one or two semester study abroad program with the University of Limerick in Limerick, Ireland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 319 University of Limerick Int'l Summer School (3-6 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

Take a business, kinesiology, healthcare or Irish studies class in this three-week summer school hosted by the University of Limerick! You'll live in student residences. Organized fieldtrips are included.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 324 USAC Costa Rica, Universidad de Costa Rica - Sede de Occidente (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill 1/1 upon completion of 11 assignments when abroad.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTA 325 USAC Costa Rica, Universidad de Costa Rica - Sede de Occidente, Summer (3-11 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Students who enroll in either the 5 week, 4 week, or 9 week session can fulfill 2/3 of the Foreign Culture Requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad. Students attend the Universidad de Costa Rica - Sede de Occidente, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.
Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 335 USAC Thailand, Chiang Mai University Summer (3-11 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A four-nine week, summer study abroad program at the USAC Center located on Chiang Mai University. Students enroll in a variety of Thai culture courses, taught in English. Students live in off campus apartments arranged by USAC.
Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 336 USAC Thailand, Chiang Mai University Semester (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program at the USAC Center located on Chiang Mai University. Students enroll in a variety of Thai culture courses, taught in English. Students live in off campus apartments arranged by USAC.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 339 University of Winchester, England (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Spring semester study abroad program with the University of Winchester in Winchester, England. Students may choose from all classes for which they have appropriate prerequisites. Students live in residence halls on or near campus.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 342 USAC China, Southwest University for Nationalities (3-12 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.

An additional three credits of Foreign Culture requirement waived upon successful completion of Chinese intensive language course. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad. A five-ten week, summer study abroad program at the USAC Center located in Chengdu, China. Students enroll in intensive Chinese language courses and/or Chinese culture courses, taught in English. Students live in university residence hall.
Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 343 USAC China, Southwest University for Nationalities (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program at the USAC Center located in Chengdu, China. Students enroll in either the appropriate level of Chinese Language Studies or select from a variety of Chinese Studies courses taught in English. Students live in university residence halls or apartments.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTA 348 Study Abroad-Murdoch University-Perth, Australia (12-18 crs)
Prerequisite: Minimum total GPA of 2.75. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students can attend courses at Murdoch University during either semester or for the calendar year. Students may choose from a comprehensive curriculum, and take any courses for which they have met the appropriate prerequisites. Housing is in the university apartments.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 350 Southern Cross University-Lismore, Australia (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A semester or calendar year study abroad program with Southern Cross University. Students may choose from all classes for which they have appropriate prerequisites. Housing is in university apartments.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 355 USAC Ghana, University of Ghana Summer (3-10 crs)
Prerequisite: Minimum GPA of 2.50. Minimum sophomore standing
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Culture requirement waived upon successful completion of service learning course. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A three-eight week, summer study abroad program at the USAC Center located at the University of Ghana. Students enroll in a variety of African culture courses, taught in English. Students live in the international student hostel. Some excursions included.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 356 USAC Ghana, University of Ghana (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students take a required culture course at the USAC Center and can enroll in regular courses at the University of Ghana. Departments include African Dance, Drama & Drumming, African Studies, Arts, Business, Geography/Resource Development, History, Science & Social Science. Students will live in off-campus hostels.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 359 USAC Japan, Nagasaki University of Foreign Studies (12-18 crs)
Prerequisite: Minimum total GPA of 2.80. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A study abroad program for one semester or the academic year in the historic city of Nagasaki. Students take Japanese language courses and Asian Studies courses taught in English. Students live with Japanese families or in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 360 Study Abroad-Harlaxton College, England (12-18 crs)
Prerequisite: Minimum total GPA of 2.30. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A one-semester program at Harlaxton College near Grantham, England, offered through an arrangement with the University of Evansville. Courses are offered by British and U.S. faculty at Harlaxton College. INTS 170 or INTS 370, British Life and Civilization, is required. Students and faculty live in the Harlaxton Manor or Carriage House.

Attributes: Foreign Culture, Special Course Fee Required
Grading Basis: A-F Grades Only
INTA 361 Study Abroad-Harlaxton, England Summer (3-6 crs)
Prerequisite: Minimum total GPA of 2.30. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Summer program at Harlaxton College near Grantham, England, in partnership with the University of Evansville. Courses taught by British and U.S. faculty. Housing is in Harlaxton Manor or Carriage House.
Repeat: Course may be repeated for a maximum of 99 credits
Grading Basis: A-F Grades Only

INTA 362 American College Thessaloniki (ACT), Greece (3-6 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students can earn 3-6 credits during the summer program at American College Thessaloniki in Greece. Students take courses in business and humanities. Courses are taught in English. Students live in residence halls near the campus. Some excursions included.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 99 credits
Grading Basis: A-F Grades Only

INTA 363 American College Thessaloniki (ACT), Thessaloniki, Greece (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students can study for one semester or the academic year at the American College of Thessaloniki (ACT) in Greece. Students take courses in business and economics, as well as humanities courses at ACT. Courses are taught in English. Students live in residence halls near the campus.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 368 University of Aberdeen, Aberdeen, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program with the University of Aberdeen in Aberdeen, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 369 University of Glasgow, Glasgow, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program with the University of Glasgow in Glasgow, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.
Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 370 University of Glasgow International Summer School (3-9 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

The U of Glasgow International Summer School provides a number of STEM options in biology, geology, mathematics and physics. Students may participate in a June session, a July session, or both, depending upon course choice. Housing is in university residence halls.
Repeat: Course may be repeated for a maximum of 99 credits
Grading Basis: A-F Grades Only
INTA 379 University of Valladolid, Spain-Summer (1-8 crs)
Prerequisite: Minimum sophomore standing. Minimum total GPA of 2.50.
Consent: Department Consent Required
- Summer programs may fulfill part of the Foreign Culture requirement, individual courses taken on the program may fulfill GE or LE, and students can opt to fulfill an I1 requirement through additional assignments while abroad.

The University of Valladolid offers a number of summer program options, including intensive language and culture at all levels, Spanish for business, Spanish for healthcare, and a seminar on teaching Spanish as a foreign language for students about to start their student teaching. Cultural excursions are included in the program; students live with host families.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 380 Study Abroad-Valladolid, Spain (12-18 crs)
Prerequisite: SPAN 301. Minimum total GPA of 2.50. Minimum sophomore standing
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

The University of Valladolid offers an intensive Spanish language and culture program for U.S. and other international students. UW-Eau Claire participants earn 12 to 16 credits toward their Spanish major or minor. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required
Grading Basis: A-F Grades Only

INTA 381 USAC Poland Semester, Cracow University of Economics (12-18 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program at the USAC center located in Kraków, Poland. Students will enroll in a variety of Polish culture, European studies, international business and Jewish studies/Holocaust studies courses. Students will live in off campus apartments or residence halls. Some excursions included.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 382 USAC Poland Summer, Cracow University of Economics (4-8 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills 3 credits of Foreign Culture requirement upon successful completion of Polish language course and program. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Spend the summer at the USAC center located in Kraków, Poland. Students will enroll in a variety of Polish culture, European studies, international business and Jewish studies/Holocaust studies courses. Students will live in off campus apartments or residence halls. Some excursions included.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 399 University of Stirling, Stirling, Scotland (12-18 crs)
Prerequisite: Minimum total GPA of 3.0. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program with the University of Stirling in Stirling, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 400 Chile, Pontificia Universidad Católica de Valparaiso (12-18 crs)
Prerequisite: Minimum total GPA of 2.75. Minimum sophomore standing.
Consent: Department Consent Required
- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students attending the Pontificia Universidad Católica de Valparaiso take Spanish language courses, along with regular university offerings. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required
Grading Basis: A-F Grades Only
INTA 402 University of Stirling, Stirling, Scotland (6-9 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A four or eight week, summer study abroad program at the University of Stirling in Scotland. Students take two or three classes for a total of six to nine credits. Internship opportunities exist. Students live in residence halls.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 406 USAC New Zealand, Massey University (12-18 crs)
Prerequisite: Minimum total GPA of 2.75. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students attending Massey University can enroll in regular university courses. There are three campuses that students can attend through this program. Students will live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 411 University of Stellenbosch, South Africa (6-7 crs)
Prerequisite: Minimum total GPA of 2.80. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A four-week summer program at the University of Stellenbosch. Students take one course in South African political history and choose from three tracks: African studies, business, or public health. Students live in university residence halls.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 412 Stellenbosch University, South Africa (12-18 crs)
Prerequisite: Minimum total GPA of 3.00. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

The University of Stellenbosch is a bilingual university—Afrikaans and English. Courses may be taught in either language. Students can enroll in regular university courses and international programs taught in English. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 415 Marburg, Germany (12-18 crs)
Prerequisite: GERM 201. Minimum total GPA of 2.50. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

This spring program at Studienkolleg Mittelhessen, University of Marburg, Germany, immerses students in German language and culture. Regional excursions are included. Students live in residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 424 Colorado State University, Semester at Sea (12-15 crs)
Prerequisite: Minimum total GPA of 2.75. Minimum sophomore standing. Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Semester at Sea Semester Voyage is a multi-country program where students visit 10 to 12 destinations. Students take a core global studies course and choose electives from various disciplines. Students live on ship and have required faculty field practica.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTA 428 Lorenzo de' Medici Florence (12-18 crs)
Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Florence offers a wide range of courses in English. Housing is in student apartments. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 429 Lorenzo de' Medici Rome Italy (12-18 crs)
Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Rome offers a limited number of courses in English in several disciplines including STEM. Housing is in student apartments. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 430 Lorenzo de' Medici Tuscania Italy (12-18 crs)
Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Tuscania offers a limited number of humanities and social science courses in English. Housing is in student apartments or with host families. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 431 Lorenzo de' Medici Three Cities (12-18 crs)
Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Three Cities includes one month each in Tuscania, Rome, and either Florence or Venice, with a set curriculum of six credits of Italian language and three courses in English. Housing in apartments. This program is for the Fall or Spring semester.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 433 Lorenzo de' Medici Florence (3-7 crs)
Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Florence offers a wide range of courses in English. Housing is in student apartments. This program is for the Winterim three-week term or a four-week Summer term.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 434 Lorenzo de' Medici Rome Italy (3-7 crs)
Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full fill upon completion of 11 assignments when abroad.

Lorenzo de' Medici Rome offers a limited number of courses in English in several disciplines. Housing is in student apartments. This program is for a four-week Summer term.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
INTA 435 Lorenzo de' Medici Tuscania Italy (3-7 crs)
Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.
Field trips available but not required. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Lorenzo de' Medici Tuscania offers a limited number of humanities and social science courses in English. Housing is in student apartments or with host families. This program is for a four-week Summer term.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 436 UPAEP, Puebla, Mexico Summer (3-6 crs)
Prerequisite: Prerequisite courses will vary according to program track chosen. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A six-week Spanish language summer program with a number of program tracks including business, education, healthcare and intensive Spanish. Many tracks include a practical experience in the community. Housing is with host families.

Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 437 Pontifica Universidad Catolica del Peru (PUCP) Field School Program Lima Peru (3-9 crs)
Prerequisite: Spanish may be required for some courses. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion of field courses taught fully or partially in English. Six credits of Foreign Culture requirement waived upon successful program of the Spanish Language and Peruvian Culture Field Course. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

During the three-to-four-week program, students choose one field course from a range of subjects. Past subject include archeology, ethnomusicology, indigenous rights, and Peruvian culture. Housing varies based on the field course location.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 438 Pontifica Universidad Catolica del Peru (PUCP) Lima Peru (12-18 crs)
Prerequisite: SPAN 302. Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

Students attending the Pontifica Universidad Catolia del Peru (PUCP) take regular university offerings taught in Spanish. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTA 498 API International Internships (6 crs)
Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required
• No foreign culture can be waived. This program can fulfill I1 upon completion of I1 assignments when abroad.

This program gives students the opportunity to intern in 9 different countries. Housing will vary depending on location. Students will be placed in an internship that best fits their academic and career goals. The program is offered in the summer and is 8 weeks long. Internships are unpaid.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

Japanese (JAPN)

JAPN 101 Beginning Japanese I (4 crs)
Prerequisite: Placement test required.
A foundation in listening, speaking, reading, writing, and culture. Introduction to hiragana, katakana, and some kanji characters.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

JAPN 102 Beginning Japanese II (4 crs)
Prerequisite: JAPN 101 or suitable placement score on Japanese Placement Exam.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1
JAPN 201 Intermediate Japanese I (4 crs)
Prerequisite: JAPN 102 or suitable placement score on Japanese Placement Exam.
Review of Japanese grammar and vocabulary with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of Japanese culture through a variety of topics.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

JAPN 202 Intermediate Japanese II (4 crs)
Prerequisite: JAPN 201 or suitable placement score on Japanese Placement Exam.
Continuation of Japanese 201.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

JAPN 301 Advanced Japanese Language and Culture I (4 crs)
Prerequisite: JAPN 202 or suitable placement score on Japanese Placement Exam.
Designed to improve speaking, listening, reading, and writing skills. Students gain an understanding of Japanese culture and current events through a variety of topics.
Attributes: Foreign Culture, GE IA Communication-Language Arts
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

JAPN 302 Advanced Japanese Language and Culture II (4 crs)
Prerequisite: JAPN 301 or equivalent.
Continuation of Japanese 301. Focuses on improving speaking, listening, reading, and writing modern Japanese. Extensive use of original spoken and written materials. Further knowledge of sociolinguistics/culture and additional kanji. Emphasis on accurate and appropriate communication.
Attributes: Foreign Culture, GE IA Communication-Language Arts
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

Kinesiology (KINS)

KINS 101 Specialty (0.5-2 crs)
* Special course fee may apply.
Special class activity to be offered as expertise is available.
Attributes: Physical Activity
Repeat: Course may be repeated

KINS 108 Intercollegiate Athletics (1 cr)
Prerequisite: Eligible to practice as defined by the Wisconsin Intercollegiate Athletic Conference.
Consent: Department Consent Required
The student will participate in the physical activity and lectures pertaining to the preparation of a varsity athletic team for a season and the contests included in that season.
Attributes: Physical Activity
Grading Basis: S/U Only Grade Basis

KINS 110 Power Walking (1 cr)
* No credit if taken after KINS 101 with the same topic.
Introduction to basic techniques and fitness principles used in power walking. Students will develop an individual power walking program to meet their individual physical activity goals.
Attributes: Physical Activity

KINS 112 Fitness (1 cr)
Includes aerobics activity, flexibility, and resistance exercises to expose students to methods of becoming physically fit or maintaining a degree of fitness.
Attributes: Physical Activity, Special Course Fee Required

KINS 117 Weight Training (1 cr)
Emphasis on techniques of basic lifts. Knowledge in the area of weight training for the development of strength and muscular endurance through progressive resistance. Individual programs for strength development.
Attributes: Physical Activity, Special Course Fee Required

KINS 186 Wellness Concepts and Health Related Fitness (2 crs)
Students will work to develop health-related fitness and will learn the importance of wellness concepts such as health-related fitness, stress management, nutrition, and consumer responsibility in health and fitness.
Attributes: Physical Activity, Wellness Theory
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

KINS 200 Orientation to Kinesiology (1 cr)
Prerequisite: No credit if taken after KINS 191.
Introduction to disciplines and professions in Kinesiology. Students will become familiar with the possible options available for majors and minors as well as potential careers compatible with a Kinesiology degree.
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
KINS 204 Introduction to Athletic Training (1 cr)
Prerequisite: Limited to pre-athletic training majors.
Introduction to the basic knowledge of the athletic training profession and the concepts in the prevention of athletic injuries. For those students seeking admission to the athletic training education program.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

KINS 275 Prevention and Care of Athletic/Exercise Injuries (3 crs)
Prerequisite: KINS 294 or KINS 204 for athletic training majors.
Consent: Department Consent Required
Evidence of CPR & First Aid certification is required for enrollment.
This lecture/lab based course is an introduction to the basic concepts and fundamentals of the prevention, recognition, treatment, and rehabilitation of athletic or exercise-related injuries.
Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 280 Acute Care of Athletic Injuries/Illness (3 crs)
Prerequisite: Limited to admitted athletic training majors.
A theory and lab course focused on providing care for acute and emergency injuries/illnesses in the physical activity setting. Successful completion of the course will result in certification as a First Responder.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 284 Palpatory Anatomy in Kinesiology (1 cr)
Prerequisite: KINS 294 or concurrently.
This course is designed to focus on the concepts and principles of palpatory anatomy and kinesiology. An understanding of how muscles and joints interact and function will be created and enhanced through a laboratory environment.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

KINS 290 Introduction to Physical Education (3 crs)
Prerequisite: Limited to Kinesiology PE teaching, Sport Pedagogy, and Exercise Science majors
Introduction to physical education including understanding the teaching/learning process, effective teaching skills, and context and reflection.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 292 Management and Coaching Theory (2 crs)
The course follows American Sports Education Program (ASEP) guidelines, and students have the option to take the ASEP certification exam for a fee.
An introduction to the coaching profession including current management principles and practices.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

KINS 294 Anatomical Kinesiology (3 crs)
Introduction to human anatomy and the basic structure of the body's major systems. An emphasis will be placed on the musculoskeletal system and an understanding of its relationship to human movement.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

KINS 300 Planning, Implementation, and Assessment: Invasion Games (2 crs)
Prerequisite: KINS 290. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors
Exercise Science majors will need department consent if KINS 290 not taken.
Students enrolled in this course will design comprehensive invasion games units utilizing various instructional models, such as: sport education, peer teaching and tactical games.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 301 Planning, Implementation, and Assessment: Adventure Activities (2 crs)
Prerequisite: KINS 290. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors
Exercise Science majors will need department consent if KINS 290 not taken.
Observation and participation in selected adventure activities led by master teachers; lesson planning and peer teaching.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 302 Planning, Implementation, and Assessment: Rhythms and Dance (2 crs)
Prerequisite: KINS 290. Limited to kinesiology teaching, sport pedagogy majors and movement studies majors.
Movement studies majors will need department consent if KINS 290 not taken.
Students will explore a wide range of rhythm and dance activities for school-aged children, including: cultural, line, square and social genres.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
KINS 303 Planning, Implementation, and Assessment: Fitness Concepts (3 crs)
Prerequisite: KINS 290. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors

Prospective teachers completing this course will acquire the dispositions, knowledge, and performance competencies related to appropriate health-related fitness of school-aged children in K-12 physical education.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 304 Biomechanical Kinesiology (3 crs)
Prerequisite: KINS 294, PHYS 100 or PHYS 211, all with C or above. Minimum total GPA of 2.35.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 305 Planning, Implementation, and Assessment: Net Games (2 crs)
Prerequisite: KINS 290. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors

Students will acquire the dispositions and knowledge to teach net activities within a secondary physical education setting.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 308 Exercise Physiology (3 crs)
Prerequisite: Grade of C or above in KINS 294. Minimum total GPA of 2.35.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 309 Introduction to Exercise Science (3 crs)
Prerequisite: Completion of or concurrent enrollment in KINS 304 and KINS 308. Minimum resident and total GPA of 2.50. Minimum sophomore standing.

Introduction to the foundational concepts associated with physical activity, fitness, and health that underlie the advanced study of exercise prescription and programming.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 310 Therapeutic Modalities in Athletic Training (3 crs)
Prerequisite: KINS 280 with a grade of B- or above; or consent of instructor. Limited to athletic training majors. Minimum sophomore standing. Must be taken with KINS 315.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 312 Psychology of Sport and Physical Activity (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 313 Sociology of Sport and Physical Activity (3 crs)
Prerequisite: Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 315 Athletic Training Lab and Practicum I (1 cr)
Prerequisite: KINS 275, KINS 280, and KINS 375 with a grade of B- or above. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

KINS 316 Athletic Training Lab and Practicum II (1 cr)
Prerequisite: KINS 310, KINS 315, and KINS 376 with a grade of B- or above. Limited to admitted athletic training majors. Must be taken with KINS 330.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Attributes</th>
<th>Consent</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINS 320</td>
<td>Foundations of Rehabilitation Science (3 crs)</td>
<td>3</td>
<td>Prerequisite: KINS 304 and KINS 308 or concurrent enrollment. Minimum resident and total GPA of 2.75. Limited to pre-Rehabilitation Science majors or consent of instructor.</td>
<td>Introduction to the historical, philosophical, and theoretical foundations of rehabilitation science. The course also provides information on current trends and issues in rehabilitation science research.</td>
<td>A-F Grades Only</td>
<td>3</td>
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<tr>
<td>KINS 327</td>
<td>Movement Education for Elementary Grades (2 crs)</td>
<td>2</td>
<td>Prerequisite: Limited to kinesiology teaching or sport pedagogy majors who have completed KINS 290; or elementary education majors who have completed ES 203 or SPED 210 or SPED 306. <em>Elementary education majors will need department consent due to the KINS 290 prerequisite.</em> A theory and methods course in elementary physical education teaching and classroom physical activity. Prospective teachers completing this course will acquire the dispositions and knowledge to teach movement concepts to school-aged children.</td>
<td>Attributes: Wellness Theory</td>
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<tr>
<td>KINS 330</td>
<td>Therapeutic Exercise in Athletic Training (3 crs)</td>
<td>3</td>
<td>Prerequisite: KINS 310 with a grade of B- or above. Limited to admitted athletic training majors. A theory course designed to develop an understanding of the use of therapeutic exercise and the development of rehabilitation programs for athletic injuries.</td>
<td>Lecture/Discussion Hours: 2</td>
<td>2</td>
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<tr>
<td>KINS 335</td>
<td>Introduction to School Health Education and Current Health Issues (3 crs)</td>
<td>3</td>
<td>Prerequisite: KINS 335/KINS 535</td>
<td>A theory-and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation’s youth.</td>
<td>Attributes: Wellness Theory, Undergraduate/Graduate Offering</td>
<td>3</td>
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<tr>
<td>KINS 336</td>
<td>Strategies and Assessment in School Health Education (3 crs)</td>
<td>3</td>
<td>Prerequisite: KINS 335/KINS 536</td>
<td>This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes. Student completes approximately 10-15 hours of observation/teaching.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
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<tr>
<td>KINS 337</td>
<td>Health Education Curriculum Design (3 crs)</td>
<td>3</td>
<td>Prerequisite: KINS 336/KINS 536</td>
<td>Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines. Student completes approximately 10-15 hours of observation/teaching.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
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<tr>
<td>KINS 346</td>
<td>First Responder Apprenticeship (1-3 crs)</td>
<td>1-3</td>
<td>Prerequisite: KINS 204 or consent of instructor. Consent: Instructor Consent Required Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an athletic training setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
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<tr>
<td>KINS 347</td>
<td>Coaching Apprenticeship (1-3 crs)</td>
<td>1-3</td>
<td>Prerequisite: KINS 292 or consent of instructor. Consent: Instructor Consent Required Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
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<tr>
<td>KINS 348</td>
<td>Exercise Science Apprenticeship (1-3 crs)</td>
<td>1-3</td>
<td>Prerequisite: KINS 309 or consent of instructor. Consent: Instructor Consent Required Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
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<tr>
<td>KINS 350</td>
<td>Apprentice in Teaching Physical Education (1-3 crs)</td>
<td>1-3</td>
<td>Prerequisite: KINS 290 or consent of instructor. Consent: Instructor Consent Required Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td>3</td>
<td>0</td>
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</tbody>
</table>
KINS 351 Cancer Recovery and Fitness Lab (1 cr)
Prerequisite: KINS 355, 358. Minimum GPA of 2.50. Limited to Rehabilitation Science and Exercise Science majors and Kinesiology minors; or consent of instructor.
Consent: Instructor Consent Required
Lecture/Experience for qualified students, selected and supervised by faculty members, to facilitate applied experiential learning in the field of exercise and cancer recovery. Students enhance their knowledge and ability to communicate that knowledge to others.
Repeat: Course may be repeated for a maximum of 2 credits
Discussion Hours: 0
Lab/Studio Hours: 2

KINS 352 Cancer Recovery and Fitness Seminar (1 cr)
Prerequisite: KINS 355 and 358 for Rehabilitation Science majors. Minimum 2.50 grade point average. Instructor consent required for other majors.
Consent: Instructor Consent Required
A seminar experience designed for students interested in the area of exercise rehabilitation with cancer survivorship. Students will gain knowledge related to cancer treatment and side-effects, the benefits and fundamentals of exercise principles in cancer recovery, and will gain valuable information related to the survivorship issues currently dealt with in the Cancer Recovery and Fitness community outreach program.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

KINS 355 Exercise Physiology Laboratory Assessment (3 crs)
Prerequisite: KINS 304, KINS 308, and KINS 320. Limited to Rehabilitation Science majors.
A theory and lab course of the measurement and analysis of the physiology tests for health and performance commonly used in a human performance lab.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 357 Essentials of Strength and Conditioning (3 crs)
Prerequisite: KINS 304 and KINS 308. Minimum resident and total GPA of 2.50. KINS 309 also required for Exercise Science majors.
Completion of KINS 117 is strongly recommended prior to enrollment in this course for students who do not possess a basic knowledge of strength training technique.
This course provides an introduction to strength and conditioning program design, implementation, and evaluation.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 358 Fitness Assessment and Exercise Prescription (4 crs)
Prerequisite: KINS 355 or concurrent enrollment. Limited to admitted rehabilitation science majors.
This course provides students with the theoretical knowledge and practical skills required of the entry-level exercise specialist.
Lecture/Discussion Hours: 5
Lab/Studio Hours: 2

KINS 375 Evaluation Techniques-Lower Body (3 crs)
Prerequisite: KINS 275 with a grade of B- or above or consent of instructor. Limited to athletic training majors.
A theory course that examines the athletic injury/illness evaluation techniques that are essential for the entry-level athletic trainer. Emphasis will be on the lower extremities, abdomen, and low back.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 376 Evaluation Techniques-Upper Body (3 crs)
Prerequisite: KINS 375 with a grade of B- or above. Limited to admitted athletic training majors.
A theory course that examines the athletic injury/illness evaluation techniques that are essential for the entry-level athletic trainer. Emphasis will be on the chest, upper extremities, head, and neck.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 391 Special Topics (1-3 crs)
Prerequisite: Limited to Exercise Science, Rehabilitation Science, Athletic Training and Kinesiology majors
Special topic in kinesiology.
Attributes: Undergraduate/Graduate Offering

KINS 415 Athletic Training Lab and Practicum III (1 cr)
Prerequisite: KINS 316 and KINS 330 with a grade of B- or above and KINS 357. Limited to admitted athletic training majors.
A lab and practicum course designed to develop proficiency in the practical skills and techniques of therapeutic exercise and academic competencies assigned to this course as well as provide supervised clinical experience in athletic training.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

KINS 416 Athletic Training Lab and Practicum IV (1 cr)
Prerequisite: KINS 415 and KINS 430 with a grade of B- or above. Limited to admitted athletic training majors.
A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide a supervised clinical experience in athletic training.
Attributes: Service-Learning, Full 30 Hours
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2
KINS 417 Soft Tissue Manipulation in Clinical Practice (1 cr)
Prerequisite: BIOL 314 or equivalent; KINS 415 or concurrent enrollment; limited to admitted athletic training majors.
This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

KINS 420 Medical Aspects of Athletic Training (3 crs)
Prerequisite: KINS 280 with a grade of B- or above. Limited to admitted athletic training majors.
A theory course that examines various medical specialties, surgical techniques, and clinical evaluations and treatments of athletic-related injuries and illnesses.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 426 Motor Development Across the Lifespan (3 crs)
Prerequisite: Grade of C or above in KINS 294, KINS 304, and KINS 308. Limited to Exercise Science, Rehabilitation Sciences, and KINS majors and minors. Other majors/minors by consent of instructor. Minimum total GPA of 2.35.
KINS 304 and KINS 308 are recommended prior to enrollment in this course.
A study of changes in motor behavior across the lifespan, the processes that underlie these changes, and factors that affect them.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 430 Administration and Organization in Athletic Training (3 crs)
Prerequisite: KINS 315 with a grade of B- or above. Limited to athletic training majors. Minimum junior standing.
A theory course that reviews the administrative and organizational concepts in the profession of athletic training.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 440 Human Performance Seminar (3 crs)
Prerequisite: KINS 309, KINS 355, KINS 358, KINS 464, 498, or consent of instructor. Limited to human performance majors. KINS 474 must be taken concurrently.
The primary purpose of this course is to provide students with an opportunity to review the critical knowledge, skills, and abilities developed throughout the curriculum and to reflect on their undergraduate experience.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

KINS 445 Basic Electrocardiography (3 crs)
Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.
This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio: 0

KINS 450 Applied Nutrition in Kinesiology (3 crs)
Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.
The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 460 Psychosocial Aspects of Injury and Illness (3 crs)
Prerequisite: PSYC 100; BIOL 151 or BIOL 214. Minimum junior standing.
This course is designed to explore the psychosocial aspects of injury and illness, the psychosocial impact that injury/illness can have on a patient/client, and to develop skills in assisting patients/clients to respond effectively to injury/illness.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 464 Clinical Exercise Physiology (3 crs)
Prerequisite: KINS 309, KINS 355, and KINS 358 or consent of instructor.
This course will provide students with an overview of pathophysiology of prevalent chronic diseases with primary emphasis on the physiological and technical basis of exercise prescription for the treatment and rehabilitation of chronic disease.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 466 Community Fitness Programming (3 crs)
Prerequisite: KINS 464 or concurrent enrollment.
Prescribing and leading exercise in the early morning fitness program which includes community members with a wide variety of physical capabilities.
Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
KINS 474 Research Methods in Kinesiology (4 crs)
Prerequisite: MATH 246. Limited to kinesiology and athletic training majors. If an athletic training major, KINS 316 is required prior to enrolling in this course. Minimum total GPA of 2.75.
- Must be taken with KINS 440 for human performance students.
Attributes: LE-I1 Integration, LE-S3 Creativity
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

KINS 476 Exercise Science Seminar (3 crs)
Prerequisite: KINS 357. Minimum 2.50 total GPA. Limited to Exercise Science majors
Consent: Department Consent Required
- Limited to Exercise Science majors in their final year before graduation.
This is the capstone experience for students in movement studies and sport pedagogy as well as kinesiology minors. Students will develop a portfolio, lead and participate in professional discussions and present a project.
Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 484 Adapted Physical Education (3 crs)
Prerequisite: KINS PE Teaching majors: KINS 290. Rehabilitation Science majors: KINS 320
A theory and lab course examining exceptionalities as they apply to the physical education environment. Study includes legal implications, IEPs, individual differences, assessment principles, modification of tasks and learning environments, and field experiences (30 hours).
Attributes: Service-Learning, Full 30 Hours
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 487 Assessment in Adapted Physical Education (3 crs)
Prerequisite: KINS 484 and SPED 200.
A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

KINS 491 Practicum in Rehabilitation Science (1-2 crs)
Prerequisite: Limited to Rehabilitation Science majors; KINS 320
A lab course applying knowledge and practical skills in a full-time rehabilitation work environment. Field experience a minimum of 100 hours is required.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lab/Studio Hours: 2
Practicum Hours: 4

KINS 492 Coaching Practicum and Seminar (4 crs)
Prerequisite: KINS 292. Minimum senior standing.
Consent: Department Consent Required
A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.
Attributes: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Seminar Hours: 2
Practicum Hours: 4

KINS 493 Practicum in Adapted Physical Education (3 crs)
Prerequisite: SPED 210 or SPED 306; KINS 484, KINS 487 or concurrent enrollment in KINS 487.
Consent: Department Consent Required
A lab course applying principles of programming and assessment in the special physical education environment. Field experience a minimum of 90 hours is required.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

KINS 494 Practicum in Exercise Science (3 crs)
Prerequisite: Minimum resident and total GPA of 2.75.
Consent: Department Consent Required
A laboratory course applying administrative and leadership skills in a full-time exercise work environment. Field experience a minimum of 200 hours is required.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

KINS 495 Directed Studies in Physical Education (1-3 crs)
Consent: Department Consent Required
Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
KINS 496 Capstone-Teaching Physical Education (1 cr)
Consent: Instructor Consent Required
Students will integrate and apply their knowledge, skills, and dispositions to case studies and issues in physical education teaching.
Attributes: Capstone Course
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

KINS 498 Exercise Science Internship (6 crs)
Prerequisite: KINS 309, KINS 355, KINS 357, and KINS 474. Minimum resident and total GPA of 2.75.
Consent: Instructor Consent Required
• (1) Maintenance of current American Red Cross First Aid and CPR certification or equivalent and, (2) satisfactory completion of a background information disclosure check prior to the start of the internship is required.
Students are provided with an opportunity to integrate and apply the knowledge, skills, and abilities developed through their undergraduate education in a professional setting.
Attributes: LE-I1 Integration, Service-Learning, Full 30 Hours, Internship
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 499 Independent Study (1-3 crs)
Prerequisite: Minimum resident and total GPA of 3.00. Minimum junior standing.
Consent: Department Consent Required
Individual research project under the direction of a faculty member.
Repeat: Course may be repeated

KINS 512 Psychology of Sport and Physical Activity (3 crs)
• Cross-listed with KINS 312. Credit may not be earned in both courses.
The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 513 Sociology of Sport and Physical Activity (3 crs)
• Cross-listed with KINS 313. Credit may not be earned in both courses.
Introduction to the social influences on sport and physical activity as well as the influence sport has on society.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 515 Introduction to School Health Education and Current Health Issues (3 crs)
• Cross-listed with KINS 335. Credit may not be earned in both courses.
A theory- and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation’s youth.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 536 Strategies and Assessment in School Health Education (3 crs)
Prerequisite: KINS 335/KINS 535
• Cross-listed with KINS 336. Credit may not be earned in both courses.
This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes. Student completes approximately 10-15 hours of observation/teaching.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 537 Health Education Curriculum Design (3 crs)
Prerequisite: KINS 336/KINS 536
• Cross-listed with KINS 337. Credit may not be earned in both courses.
Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines. Student completes approximately 10-15 hours of observation/teaching.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 546 First Responder Apprenticeship (1-3 crs)
Prerequisite: KINS 204 or consent of instructor.
Consent: Instructor Consent Required
• Cross-listed with KINS 346.
Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an athletic training setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
KINS 547 Coaching Apprenticeship (1-3 crs)
Prerequisite: KINS 292 or consent of instructor.
Consent: Instructor Consent Required
- Cross-listed with KINS 347.

Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

KINS 548 Exercise Science Apprenticeship (1-3 crs)
Prerequisite: KINS 309 or consent of instructor.
Consent: Instructor Consent Required
- Cross-listed with KINS 348.

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

KINS 550 Apprentice in Teaching Physical Education (1-3 crs)
Prerequisite: KINS 290 or consent of instructor.
Consent: Instructor Consent Required
- Cross-listed with KINS 350.

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

KINS 557 Essentials of Strength and Conditioning (3 crs)
Prerequisite: KINS 304 and KINS 308.
- Cross-listed with KINS 357. Credit may not be earned in both courses.
- Completion of KINS 117 is strongly recommended prior to enrollment in this course for students who do not possess a basic knowledge of strength training technique.

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 591 Special Topics (1-3 crs)
- Cross-listed with KINS 391.

Special topic in kinesiology.
Grading Basis: No S/U Grade Option

KINS 617 Soft Tissue Manipulation in a Clinical Practice (1 cr)
Prerequisite: BIOL 314 or equivalent; KINS 415 or concurrent enrollment; limited to admitted athletic training majors.
This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

KINS 645 Basic Electrocardiography (3 crs)
Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.
- Cross-listed with KINS 445. Credit may not be earned in both courses.

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 650 Applied Nutrition in Kinesiology (3 crs)
Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.
- Cross-listed with KINS 450. Credit may not be earned in both courses.

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 660 Psychosocial Aspects of Injury and Illness (3 crs)
Prerequisite: PSYC 100; BIOL 151 or BIOL 214.
- Cross-listed with KINS 460. Credit may not be earned in both courses.

This course is designed to explore the psychosocial aspects of injury and illness, the psychosocial impact that injury/illness can have on a patient/client, and to develop skills in assisting patients/clients to respond effectively to injury/illness.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 687 Assessment in Adapted Physical Education (3 crs)
Prerequisite: KINS 484 and SPED 200.
- Cross-listed with KINS 487. Credit may not be earned in both courses.

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2
KINS 692 Coaching Practicum and Seminar (4 crs)
Prerequisite: KINS 292
Consent: Department Consent Required
• Cross-listed with KINS 492. Credit may not be earned in both courses.

A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

Attributes: Capstone Course, Special Course Fee Required
Grading Basis: No S/U Grade Option
Seminar Hours: 2
Practicum Hours: 4

KINS 693 Practicum in Adapted Physical Education (3 crs)
Prerequisite: SPED 210 or SPED 306; KINS 484, KINS 487/KINS 687 or concurrent enrollment in KINS 487/KINS 687.
Consent: Department Consent Required
• Cross-listed with KINS 493. Credit may not be earned in both courses.

A lab course applying principles of programming and assessment in the special physical education environment. Field experience a minimum of 90 hours is required.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

KINS 695 Directed Studies in Physical Education (1-3 crs)
Consent: Department Consent Required
• Cross-listed with KINS 495.

Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

KINS 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

Languages (LANG)
LANG 121 Beginning Ojibwe I (4 crs)
Prerequisite: KINS 292
Consent: Department Consent Required
• Cross-listed with KINS 492. Credit may not be earned in both courses.

A foundation in spoken and written Ojibwe language, listening and reading comprehension, grammatical usage, and the cultural backgrounds and experiences of Ojibwe people.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

LANG 122 Beginning Ojibwe II (4 crs)
Prerequisite: LANG 121/AIS 121
• Credit may not be earned in both FLG 122 and AIS 122 or LANG 122 and AIS 122. No credit if credit has been earned in AIS 112 when offered as Ojibwe II.

Continuation of Beginning Ojibwe I. Further developing elementary speaking, writing, and reading Ojibwe language skills.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

LANG 130 U.S. Culture for Non-Native Speakers (3 crs)
Prerequisite: Only open to non-native speakers of English
• Credit may not be earned in both LANG 130 and ESL 360 or LANG 130 and IDIS 153 when offered as US Culture for Non-Native Speakers.

Introduction to U.S. culture for international students. Examines U.S. culture's products, practices and perspectives, and major systems (e.g., political, economic, educational) to better understand the U.S. and one's own culture.

Attributes: GE V University Wide, LE-I1 Integration, LE-K2 Social Sciences, Field Trip(s) Required
Seminar Hours: 3

LANG 140 U.S. Multiculturalism for Non-Native Speakers (3 crs)
Prerequisite: Only open to non-native speakers of English
• Credit may not be earned in both LANG 140 and ESL 310 or LANG 140 and IDIS 154 when offered as U.S. Multiculturalism for Non-Native Speakers.

International students will learn about the U.S. through the eyes of multicultural Americans and their experiences in U.S. society.

Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lab/Studio Hours: 0
Seminar Hours: 3
LANG 150 Professional Communication for Non-Native Speakers (3 crs)
Prerequisite: Only open to non-native speakers of English
- Credit may not be earned in both LANG 150 and ESL 320 or LANG 150 and IDIS 151 when offered as Professional Communication for Non-Native Speakers.

Concepts, terms, and communication skills for international students planning careers in professional fields, such as business, science, technology, engineering, or mathematics.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 160 Ojibwe Culture and History (3 crs)
Introduction to the culture of the Ojibwe people. Students will learn about Ojibwe history, philosophy, culture, and contemporary communities.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 170 Language and Intercultural Competence (3 crs)
Introduction to the complex relations between language and intercultural competence in diverse international settings, with the goal of enhancing linguistic and cultural understanding.

Attributes: LE-K3 Humanities, LE-R2 Global Perspectives
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 221 Intermediate Ojibwe I (4 crs)
Prerequisite: FLG 122/AIS 122 or LANG 122/AIS 122.
- Credit may not be earned in both LANG 221 and AIS 221.

Continuation of Beginning Ojibwe II. Build on speaking, listening, and reading skills. Learn techniques for using Ojibwe in everyday life

Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

LANG 222 Intermediate Ojibwe II (4 crs)
Prerequisite: LANG 221/AIS 221
- Credit may not be earned in both LANG 222 and AIS 222.

Lab/Studio Hours: 0
Continuation of Intermediate Ojibwe I. Focuses on developing skills necessary to aid language revitalization efforts.

Lecture/Discussion Hours: 4

Latin (LAT)

LAT 101 Beginning Latin (4 crs)
Introduction to the Classical Latin language, with emphasis on grammar, analytic, and translation skills. The course will also serve as an introduction to ancient Roman culture and its impact on modern, western European, and American civilizations.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

LAT 102 Beginning Latin (4 crs)
Prerequisite: LAT 101
Continuation of Latin 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

Latin American Studies (LAS)

LAS 150 Introduction to Latin American Studies (3 crs)
An interdisciplinary course introducing students both to the culture and civilization of Latin America and to Latin American Studies at the University of Wisconsin-Eau Claire.

Attributes: Foreign Culture, GE IIIIG Social Science-Interdisciplinary Study, LE-I1 Integration, LE-R2 Global Perspectives
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 222 Introduction to U.S. Latino History and Culture (3 crs)
- For LAS majors and minors credit can only be earned in either LAS 222 ("Introduction to U.S. Latino History and Culture") or LAS 312/LAS 512/SPAN 312/SPAN 512 ("Latinos in the U.S.").

An interdisciplinary introduction to the history and culture of Latinos in the United States with lectures and course materials in English.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 309 Latin America Through Independence (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both HIST 309 and LAS 309.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
LAS 311 Latin America Since Independence (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• Credit may not be earned in both HIST 311 and LAS 311.
Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.
Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 314 Music and Dance of Latin America (3 crs)
An interdisciplinary investigation of Latin American and U.S. Latino music and dance and their influence in the United States.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 319 Politics of Latin America (3 crs)
• Credit may not be earned in both POLS 319 and LAS 319.
An examination of major institutions, groups, and selected topics related to Latin American politics.
Attributes: Foreign Culture, GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 321 Geography of Latin America (3 crs)
• Credit may not be earned in both GEOG 321 and LAS 321.
The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.
Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 350 Latin American Literature in Translation (3 crs)
• Credit may not be earned in both FLTR 350 and LAS 350.
This course introduces students to Latin American authors and their writings in a historical and social context.
Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 352 Latin American Civilization (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354, SPAN 351, or SPAN 354.
• Credit may not be earned in both SPAN 352 and LAS 352.
Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.
Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 354 Latin American Civilization Regional Focus (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit after LAS 352, SPAN 351, 352
• Credit may not be earned in both SPAN 354 and LAS 354. To be taught only in a study abroad program in Latin America. Restricted to semester-long regional civilization courses.
Introduction to the historical background necessary for comprehending contemporary Latin America through a regional focus. Analysis of current social, political, and economic issues, with consideration of influential personalities in a region of present-day Latin American society.
Attributes: Foreign Culture, GE IVD Humanities-Literature
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 356 Economic Development of Latin America (3 crs)
• Credit may not be earned in both ECON 356 and LAS 356.
Analysis of the process of the economic and social development of Latin America. Topics include: nature of economic development, obstacles to economic development, evaluation of economic policies, and the role of women in economic development.
Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-I1 Integration
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 357 Survey of Latin American Literature (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354, SPAN 351, or SPAN 354.
• Credit may not be earned in both SPAN 357 and LAS 357. This course is recommended to be taken after study abroad.
Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.
Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
LAS 390 Latin American Studies Immersion Experience (1-3 crs)
Consent: Instructor Consent Required
Project-based, intensive immersion experience focusing on the social, cultural, and historical aspects of a Latin American country.
Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, Service-Learning Optional Half, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

LAS 395 Directed Studies (1-4 crs)
Prerequisite: Limited to Latin American Studies majors or minors.
Consent: Department Consent Required
• Instructor and LAS Program Director permission required.
Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

LAS 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits

LAS 418 Spanish Sociolinguistics in Latin America/USA (3 crs)
Prerequisite: SPAN 360 or consent of instructor. SPAN 352/LAS 352 highly recommended.
• Credit may not be earned in both SPAN 418 and LAS 418.
Addresses theoretical foundations of sociolinguistic variation in Spanish-speaking communities, interplay of social and linguistic factors on dialectal variation of Latin American Spanish, and sociolinguistic methods for data collection.
Lab/Studio Hours: 0
Seminar Hours: 3

LAS 450 Capstone for Latin American Studies (1-3 crs)
Prerequisite: Limited to Latin American Studies majors. Minimum senior standing.
Consent: Instructor Consent Required
Study of a topic or special area pertaining to any aspect of Latin America or Latinos in the U.S. as approved by the supervising instructor and the Latin American Studies Program Director.
Attributes: Foreign Culture, Capstone Course
Grading Basis: No Auditors

LAS 475 Topics in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or LAS 367/SPAN 367 or consent of instructor.
• Credit may not be earned in both LAS 475 and SPAN 475.
In-depth study of a particular area in Latin American literature.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 476 The Novel in Latin America I: 1850-1950 (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both SPAN 476 and LAS 476.
Study of the most important novelists of Latin America, from 1850 to 1950.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 477 The Novel in Latin America II: 1950-Present (3 crs)
Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both SPAN 477 and LAS 477.
Continuation of SPAN/LAS 476. Covers period from 1950 to the present.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 478 Latin American Modernismo (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both LAS 478 and SPAN 478. No credit if taken after SPAN 475/675/LAS 475/675 when offered as El Modernismo.
A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 480 Latin American Literature and Film (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367.
• Credit may not be earned in both SPAN 480 and LAS 480.
This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
LAS 488 Internship (1-3 crs)
Prerequisite: Limited to Latin American Studies majors or minors.
Consent: Instructor Consent Required
• Permission required by supervising instructor and the LAS Program Director.
  Acceptance as specified under criteria for admission into the internship. Consult
  the LAS Program webpage, your adviser and/or the LAS Program Director
  for internship admission requirements and procedures. Transportation to
  internship site and housing arranged by the student. A total of three credits for
  LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity related to
Latin American Studies, either domestically or abroad.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

LAS 491 Special Topics (3 crs)
Prerequisite: Completion of University Writing Requirement. SPAN 301 or
consent of instructor.
  • See current Class Schedule for specific topic.

In-depth study of a special topic in the area of literature, linguistics, or cultures
of Latinos in the United States and/or the Spanish-speaking world.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 498 Internship with Language Immersion (1-3 crs)
Prerequisite: Limited to Latin American Studies majors or minors.
Consent: Instructor Consent Required
• Permission required by supervising instructor and the LAS Program Director.
  Acceptance as specified under criteria for admission into the internship. Consult
  the LAS Program webpage, your adviser and/or the LAS Program Director
  for internship admission requirements and procedures. Transportation to
  internship site and housing arranged by the student. A total of three credits for
  LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity and
enhance language proficiency while residing in a Latin American country or
participating in an alternative intercultural experience for a minimum of six
weeks. Fulfills LAS language immersion requirement.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

LAS 509 Latin America Through Independence (3 crs)
  • Cross-listed with LAS 309 and HIST 309/HIST 509. Credit may only be earned in
    one of these courses.

Pre-Columbian background, establishment of Spanish and Portuguese empires
and institutions in the New World, and the struggle for independence.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 511 Latin America Since Independence (3 crs)
  • Cross-listed with LAS 311 and HIST 311/HIST 511. Credit may only be earned in
    one of these courses.

Political, economic, and cultural development from independence to present.
Primary emphasis on Mexico and Brazil.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 521 Geography of Latin America (3 crs)
  • Cross-listed with LAS 321 and GEOG 321/GEOG 521. Credit may only be earned
    in one of these courses.

The physical and cultural landscapes of Latin America, including North, Central,
and South America and the Caribbean Islands, with attention to the major
cultural, economic, social, and political currents of each region.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 550 Latin American Literature in Translation (3 crs)
  • Cross-listed with LAS 350 and FLTR 350/FLTR 550. Credit may only be earned in
    one of these courses.

This course introduces students to Latin American authors and their writings in
a historical and social context.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 552 Latin American Civilization (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354,
SPAN 351, 354.
  • Cross-listed with LAS 352 and SPAN 352/SPAN 552. Credit may only be earned
    in one of these courses.

Introduction to the historical background necessary for comprehending
contemporary Latin America. Analysis of current social, political, and economic
issues, with consideration of influential personalities in present-day Latin
American society.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
LAS 567 Survey of Latin American Literature (3 crs)
Prerequisite: SPAN 302 or consent of instructor.
- Cross-listed with LAS 367 and SPAN 367/LAS 567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 595 Directed Study (1-4 crs)
Prerequisite: Limited to Latin American Studies majors and minors.
Consent: Department Consent Required
- Cross-listed with LAS 395. Instructor and LAS Program Director permission required.

Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

LAS 675 Topics in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or LAS 367/LAS 367 or consent of instructor.
- Cross-listed with LAS 475 and SPAN 475/LAS 475/LAS 567/LAS 567.

In-depth study of a particular area in Latin American literature.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 676 The Novel in Latin America I: 1850-1950 (3 crs)
Prerequisite: SPAN 363/LAS 367/SPAN 367 or consent of instructor.
- Cross-listed with LAS 476 and SPAN 476/SPAN 676.

Study of the most important novelists of Latin America from 1850 to 1950.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 677 The Novel in Latin America II: 1950-Present (3 crs)
Prerequisite: SPAN 363/LAS 367/SPAN 367 or consent of instructor.
- Cross-listed with LAS 477 and SPAN 477/SPAN 677.

Continuation of SPAN/LAS 676. Covers period from 1950 to the present.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 678 Latin American Modernismo (3 crs)
Prerequisite: SPAN 363, or SPAN/LAS 367, or consent of instructor.
- Cross-listed with LAS 478 and SPAN 478/SPAN 678. Credit may only be earned in one of these courses. No credit if taken after SPAN 475/675/LAS 475/675 when offered as El Modernismo.

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 680 Latin American Literature and Film (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.
- Cross-listed with LAS 480 and SPAN 480/SPAN 680. Credit may only be earned in one of these courses.

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 688 Internship (1-3 crs)
Consent: Instructor Consent Required
- Cross-listed with LAS 488. Permission required by supervising instructor and the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your adviser and/or the LAS Program Director for internship admission requirements and procedures. Transportation to internship site and housing arranged by the student.
Students engage in productive academic or professional activity related to Latin American Studies, either domestically or abroad.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

LAS 691 Special Topics (3 crs)
Prerequisite: SPAN 301 or consent of instructor.
- Cross-listed with LAS 491. See current Class Schedule for specific topic.

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinos in the United States and/or the Spanish-speaking world.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
LAS 698 Internship with Language Immersion (1-3 crs)
Consent: Instructor Consent Required
- Cross-listed with LAS 498. Permission required by supervising instructor and the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your adviser and/or the LAS Program Director for internship admission requirements and procedures. Transportation to internship site and housing arranged by the student.
Students engage in productive academic or professional activity and enhance language proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Fulfills LAS language immersion requirement.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

Liberal Studies (LS)

LS 201 Introductory Liberal Studies Seminar (3 crs)
Addresses basic premises of liberal education and liberal studies, including historical exploration of the arts, humanities, natural sciences, and social sciences as interrelated, mutually enriching human enterprises. Introduces the research and creative methodologies used in these fields.
Attributes: GE V University Wide, LE-I1 Integration, LE-R3 Civic and Environmental Issues
Lab/Studio Hours: 0
Seminar Hours: 3

LS 301 Liberal Studies Research Seminar (3 crs)
Prerequisite: LS 201 or minimum sophomore standing in the University Honors Program or consent of instructor.
Advanced study of research and creative methodologies used in the arts, humanities, natural sciences, and social sciences. Examines methodological similarities to enhance understanding of the common underpinnings that define liberal studies and human inquiry as well as differences in rhetorical strategies, questions asked, and tools used.
Attributes: LE-I1 Integration
Lab/Studio Hours: 0
Seminar Hours: 3

LS 395 Directed Studies (1-3 crs)
Prerequisite: LS 201
Consent: Department Consent Required
For the student who wishes to pursue study of an interdisciplinary topic under the guidance of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

LS 399 Independent Study-Juniors (1-3 crs)
Prerequisite: LS 201
Consent: Department Consent Required
For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

LS 498 Internship (1-6 crs)
Prerequisite: LS 201
Consent: Department Consent Required
Provides applied experience in an area of interest with content related to a student’s theme of study.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

LS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: LS 201
Consent: Department Consent Required
For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

Library Science and Media Education (LMED)

LMED 100 How to Use the Library (1 cr)
Prerequisite: Credit cannot be earned in both LMED 100 and LMED 110. Not available for juniors or seniors.
- Not applicable to the minor.
Locating materials and services of the McIntyre Library, with emphasis on search procedures.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
LMED 110 Developing Library Skills (2 crs)
Prerequisite: Not available for juniors or seniors. Credit may not be earned in both LMED 100 and LMED 110.
Consent: Department Consent Required
- Not applicable to the minor.
Locating materials and services in the McIntyre Library, with emphasis on search procedures.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

LMED 305 Children's Literature (3 crs)
Prerequisite: Limited to teaching majors or library science minors. Minimum sophomore standing.
Survey of literature for children in both print and nonprint formats.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 306 Literature For Adolescents (3 crs)
Prerequisite: Minimum sophomore standing.
Study of literature for young people—middle and high school ages—with emphasis on trends and issues, development of the adolescent novel, genres, author profiles, and reading promotional tools.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 310 Developing Media Collections (3 crs)
Prerequisite: Minimum sophomore standing.
Selecting and evaluating library and audiovisual materials.
Attributes: Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 312 Reference: Information Services for Public and Community (3 crs)
Prerequisite: Limited to LMED minors. Minimum sophomore standing.
Theory, application, and practice of library reference with emphasis on providing information and related services to individuals and communities.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 316 Organizing Media (3 crs)
Prerequisite: Minimum sophomore standing.
Theory and practice of cataloging and classifying print and non-print information resources.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

LMED 408 Computers in Education: Online Communications and Information Retrieval (3 crs)
Prerequisite: ES 381 or consent of instructor.
Application of computer-mediated communications (e.g., electronic mail, discussion lists, UseNet news, chats, and groupware) and computer-based information retrieval resources (e.g., online databases, CD-ROM databases, and Internet resources) to classroom environments. Includes online resource creation and evaluation.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 430 Public Library Administration (3 crs)
Prerequisite: LMED 310 or LMED 312 or LMED 316 or consent of instructor.
Operation and management principles for public libraries.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 432 Administering School Media Programs (3 crs)
Prerequisite: LMED 310 or LMED 312 or LMED 316 or consent of instructor.
Operation and management principles of school library media programs.
Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 450 Computers in Libraries/IMCs (1-3 crs)
An introduction to the use of computers for instruction, record-keeping, and information retrieval.
Attributes: Field Trip(s) Required
Repeat: Course may be repeated
LMED 461 Field Experience: Elementary Media Center (3 crs)
Observation and practice in an elementary school library or media center.
Attributes: Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 462 Field Experience: Secondary Media Center (3 crs)
Observation and practice in a secondary school library or media center.
Attributes: Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LMED 463 Field Experience: Advanced Public Library Administration or Special Library (3 crs)
Prerequisite: Limited to LMED minors. Fifteen credits in LMED minor with a minimum GPA of 2.50. Minimum sophomore standing. Consent: Department Consent Required
• A minimum GPA of 2.50 in LMED courses.
Observation and applications of advanced administration skills in public or special library.
Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option

LMED 466 Internship: Elementary Media Center (3 crs)
A paid supervised practicum that is contingent upon the availability of a position.
Attributes: Undergraduate/Graduate Offering, Internship, Special Course Fee Required
Grading Basis: No S/U Grade Option

LMED 467 Internship: Secondary Media Center (3 crs)
A paid supervised practicum that is contingent upon the availability of a position.
Attributes: Undergraduate/Graduate Offering, Internship, Special Course Fee Required
Grading Basis: No S/U Grade Option

LMED 468 Internship: Public and Special Libraries (3 crs)
Prerequisite: Minimum of 18 credits in LMED minor. Minimum 2.50 GPA in LMED courses. Minimum sophomore standing. A paid supervised practicum that is contingent upon the availability of a position.
Attributes: Internship
Grading Basis: No S/U Grade Option

LMED 495 Directed Study (1-3 crs)
Prerequisite: Minimum senior standing.
• Arranged by department in response to need.
Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

LMED 499 Independent Study (1-3 crs)
Prerequisite: Minimum senior standing. Consent: Department Consent Required
Study of a library media issue under the supervision of a Library Media faculty.
Repeat: Course may be repeated

LMED 505 Children's Literature (3 crs)
Prerequisite: Limited to teaching majors or library science minors. Cross-listed with LMED 305. Credit may not be earned in both courses.
Survey of literature for children in both print and nonprint formats.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
**LMED 506 Literature For Adolescents (3 crs)**  
- Cross-listed with LMED 306. Credit may not be earned in both courses.  
Study of literature for young people—middle and high school ages—with emphasis on trends and issues, development of the adolescent novel, genres, author profiles, and reading promotional tools.  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 510 Developing Media Collections (3 crs)**  
- Cross-listed with LMED 310. Credit may not be earned in both courses.  
Selecting and evaluating library and audiovisual materials.  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 512 Reference: Information Services for Public and Community (3 crs)**  
- Cross-listed with LMED 312. Credit may not be earned in both courses.  
Theory, application, and practice of library reference with emphasis on providing information and related services to individuals and communities.  
Attributes: Field Trip(s) Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 516 Organizing Media (3 crs)**  
- Cross-listed with LMED 316. Credit may not be earned in both courses.  
Theory and practice of cataloging and classifying print and non-print information resources.  
Attributes: Field Trip(s) Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 1

**LMED 630 Public Library Administration (3 crs)**  
Prerequisite: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/ LMED 516 or consent of instructor.  
- Cross-listed with LMED 430. Credit may not be earned in both courses.  
Operation and management principles for public libraries.  
Attributes: Field Trip(s) Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 632 Administering School Media Programs (3 crs)**  
Prerequisite: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/ LMED 516 or consent of instructor.  
- Cross-listed with LMED 432. Credit may not be earned in both courses.  
Operation and management principles of school library media programs.  
Attributes: Field Trip(s) Required  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 661 Field Experience: Elementary Media Center (3 crs)**  
Prerequisite: 21 crs. LMED certificate sequence.  
Consent: Instructor Consent Required  
- Cross-listed with LMED 461. Credit may not be earned in both courses.  
Observation and practice in an elementary school library or media center.  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 662 Field Experience: Secondary Media Center (3 crs)**  
Prerequisite: 21 crs. LMED certificate sequence.  
Consent: Instructor Consent Required  
- Cross-listed with LMED 462. Credit may not be earned in both courses.  
Observation and practice in a secondary school library or media center.  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

**LMED 666 Internship: Elementary Media Center (3 crs)**  
Prerequisite: 21 crs. LMED certificate sequence.  
Consent: Department Consent Required  
- Cross-listed with LMED 466. Credit may not be earned in both courses.  
A paid supervised practicum that is contingent upon the availability of a position.  
Attributes: Internship, Special Course Fee Required  
Grading Basis: No S/U Grade Option

**LMED 667 Internship: Secondary Media Center (3 crs)**  
Prerequisite: 21 crs. LMED certificate sequence.  
Consent: Department Consent Required  
- Cross-listed with LMED 467. Credit may not be earned in both courses.  
A paid supervised practicum that is contingent upon the availability of a position.  
Attributes: Internship, Special Course Fee Required  
Grading Basis: No S/U Grade Option
LME-D 695 Directed Study (1-3 crs)
- Cross-listed with LME-D 495. Arranged by department in response to need.

Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

LME-D 708 Computers in Education: Online Communications and Information Retrieval (3 crs)
Consent: Instructor Consent Required
Explores world of digital libraries and librarianship in networked environments. Considers importance of collaborative knowledge development and customizing the library environment. Reflects on interrelated roles of librarians, students, teachers, and technology expertise in the virtual learning environment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LME-D 710 Seminar in Children's Literature (1-3 crs)
Prerequisite: Introductory course or consent of instructor
Reading, discussing, and evaluating contemporary literature for children; analyzing trends and issues.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

LME-D 720 Seminar in Literature for the Young Adult (1-3 crs)
Prerequisite: Introductory course or consent of instructor
Reading, discussing, and evaluating contemporary literature for young adults; analyzing trends and issues.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

LME-D 730 Trends and Issues in Literature: K-12 (3 crs)
Reading, discussing, and evaluating contemporary literature for children and young adults; analyzing trends and issues.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LME-D 750 Computers in Libraries/IMCs (3 crs)
This course examines current and emerging technological systems and software using schools and libraries, their selection, implementation, management, and evaluation as well as legal and ethical issues involved in their use.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LME-D 760 Advanced Production of Instructional Media (3 crs)
Prerequisite: LME-D 382/LME-D 582 or consent of instructor.
Instructional design and advanced techniques for the production of graphic, photographic, video, and computer-generated media.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LME-D 770 Administering District Media Programs (3 crs)
Organization and management principles for district library media programs.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LME-D 790 Current Issues in Supervising Media Programs (1-3 crs)
- Eligibility for certification as an Instructional Library Media Specialist (902).

Planning, implementing, and supervising media programs.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

LME-D 796 Directed Study (1-3 crs)
Consent: Instructor Consent Required
A group may investigate problems common to libraries and media centers.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

LME-D 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Management (MGMT)

MGMT 210 Service-Learning in Management (1 cr)
Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours
Grading Basis: S/U Only Grade Basis

MGMT 271 Introduction to the Entrepreneur Process and Mindset (2 crs)
Prerequisite: Not available for seniors. Minimum sophomore standing.
• Registration preference provided to College of Business majors.

Students learn about the entrepreneurial process and how ideas are examined for market, operational, and financial feasibility. entrepreneurial characteristics of successful entrepreneurs will also be evaluated.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MGMT 300 Developing the Leader Within You (3 crs)
Prerequisite: Minimum junior standing; MGMT 340 or concurrent enrollment
This contemporary leadership course utilizes theory, history, and trends to analyze the art of effective leadership. Students will participate in a number of activities designed to better understand and develop their own leadership capabilities.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 340 Organizational Behavior (3 crs)
Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, SPDP Workshops, and completion of 54 credits.
 • BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.

Review of the theories and applications of behavioral science research in human organizations. Topics include: motivation, group dynamics, communication, leadership, conflict, and change.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 341 Operations Management (3 crs)
Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, BSAD 202 or MATH 246, MATH 109, SPDP Workshops, and completion of 54 credits.
Processing of inputs into outputs consisting of goods and services; includes plant and machine location and layout, materials handling, work methods and simplification, manpower planning, inventory control, quality control, maintenance, and operational control.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 342 Quality Management (3 crs)
Prerequisite: MGMT 341. Minimum junior standing.
An examination of the technical and the managerial issues that are important in understanding and implementing quality assurance in manufacturing and service organizations.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 343 Supply Chain Management (3 crs)
Prerequisite: MGMT 341. Minimum junior standing.
 • This class requires access to a laptop computer which can be brought to class when required.

Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 344 Quantitative Methods for Management (3 crs)
Prerequisite: ACCT 201; ECON 103, 104; IS 240; MATH 246; MGMT 341.
 • This class requires access to a laptop computer that can be brought to class when required.

Tools and methods for data analysis in support of business decision making. Graphical analysis, model building, time series analysis, and decision making under uncertainty. Extensive hands-on data analysis using spreadsheet and statistical software.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 345 Managing Global Organizations (3 crs)
Prerequisite: MGMT 340. Minimum junior standing.
 • BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MGMT 347 Risk Management and Insurance (3 crs)
Prerequisite: ECON 103, ECON 104, IS 240, ACCT 201. Minimum junior standing.
This course introduces fundamentals of risk management and insurance. It addresses personal/commercial insurance and risk management alternatives. Students acquire basic knowledge on protecting the assets of companies they work for and handling personal insurance.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 349 Human Resource Management (3 crs)
Prerequisite: ECON 103, 104; ACCT 201; BSAD 202 or MATH 246. Minimum junior standing.
• MGMT 340 and BCOM 207 are recommended prior to enrollment in this course.

• Examine policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. Strategic human resource planning, equal employment opportunity laws, and international human resource management issues are also addressed.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 354 Materials Management Simulation (1 cr)
Prerequisite: MGMT 341.
Simulation and analysis of different types of factory production and distribution systems using Goldratt simulation and constraint theory.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MGMT 363 International Logistics and Supply Chain Management (3 crs)
Prerequisite: MGMT 341 and minimum junior standing.
This course provides an introductory investigation of international logistics and global supply chain management with special emphasis on manufacturing, procurement, transportation and distribution. The course will include a review of the economic/legal environment surrounding import-export trade practices as well as necessary documentation, insurance and payment issues.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 371 Introduction to Entrepreneurship (3 crs)
Prerequisite: Minimum 48 credits completed.
Study of characteristics of successful entrepreneurs and successful entrepreneurial ventures. Development of creative thinking skills. Examination of techniques for generating new business ideas. Examination of market, operational, and financial feasibility.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 373 New Venture Feasibility (3 crs)
Prerequisite: MGMT 371 or concurrent enrollment
Students apply market research techniques to refine their business ideas and evaluate market feasibility. Students learn how to conduct operational and financial analyses in the design of a feasible business model.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 374 New Venture Start-Up and Growth (3 crs)
Prerequisite: MGMT 371, MGMT 373.
Students learn how to launch a new product and explore the range of functional details involved in a new venture start-up. Strategies for growing the business and challenges in management growth are addressed.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 398 Internship Program I (1-3 crs)
Prerequisite: MGMT 340 or MGMT 341 or MGMT 349. Minimum junior standing.
Consent: Department Consent Required
• Acceptance in Internship Program. See description under College of Business.
A maximum of three credits of BSAD 398, MGMT 398, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.

Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 3 credits

MGMT 399 Independent Study Projects (1-4 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

MGMT 414 Small Business Consulting (3 crs)
Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing.
Consent: Instructor Consent Required
Involves the thorough analysis and review of actual small business clients submitted by the Small Business Administration under the Small Business Institute Program and making recommendations that will be beneficial to the client in operating the business.

Attributes: Service-Learning Optional
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MGMT 441 Service Operations Management (3 crs)
Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.
Design of service systems; management techniques and issues in ongoing service operations.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 442 Production Planning and Control (3 crs)
Prerequisite: MGMT 341 with C- or better. Minimum junior standing.
The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 443 Process Simulation and Analysis (3 crs)
Prerequisite: MATH 246. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.
• This class requires access to a laptop computer which can be brought to class when required.
Simulation modeling and analysis using spreadsheets and discrete-event simulation software. Through a series of modeling exercises, students will examine a number of process design and scheduling issues relevant to manufacturing and service operations.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 445 Compensation Theory and Administration (3 crs)
Prerequisite: BSAD 202 or MATH 246; BSAD 305, MGMT 340, 349
Study of theories, methods, and practices of compensation in organizations.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 446 Advanced Organizational Behavior (3 crs)
Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 341, MKTG 330. MGMT 340 with C- or better. Minimum junior standing.
In-depth analysis and critique of current and provocative topics in organizational behavior in the context of the modern organization with a focus on organizational effectiveness. Topics include citizenship behavior, work-family conflict, and change and development.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 447 Cross Cultural Leadership (3 crs)
Prerequisite: ACCT 201, BSAD 300, ECON 103, 104, IS 240, MGMT 340, MKTG 330; minimum junior standing
This course provides an in-depth introduction to effective global leadership practices and styles in the major cultural regions of the world as well as the underlying psychological, social, and cultural factors.
Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 449 Strategic Management in a Global Business Environment (3 crs)
Prerequisite: ACCT 201, IS 240, BCOM 206, BCOM 207, BSAD 300, BSAD 305, FIN 320, MKTG 330, MGMT 340, MGMT 341. Minimum senior standing.
• Students will be required to purchase access to the GLOBUS online strategic management simulation.
Covers the formulation and implementation of business strategy in a global environment. Case studies and simulations provide an integrative view of international business operations from a total enterprise perspective. This course contains an integrated communication component.
Attributes: LE-I1 Integration, Capstone Course, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 452 Master Planning of Resources (1 cr)
Prerequisite: MGMT 442 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330.
Principles and processes of master planning of resources. Demand management, sales and operations planning, and master scheduling. Development of operations plans, validating and evaluating performance at all levels of master planning.
Attributes: LE-I1 Integration, Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MGMT 453 Detailed Planning and Scheduling (1 cr)
Prerequisite: MGMT 442 or concurrent enrollment.
Consent: Department Consent Required
Material and capacity scheduling and planning, including a detailed explanation of material requirements planning (MRP) and capacity requirements planning (CRP), introduction of other material planning techniques and capacity-planning techniques.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
MGMT 455 Industrial Relations (3 crs)
Prerequisite: MGMT 349 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.
Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 459 Advanced Human Resource Management (2 crs)
Prerequisite: MGMT 349 with C- or better. BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.
Provides students the opportunity to study in-depth human resource topics of the nature of work, recruitment, selection, training and development, compensation, benefits, labor relations, and health and safety.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MGMT 461 Lean Manufacturing Systems and Concepts (3 crs)
Prerequisite: BCOM 206, 207, BSAD 305, MGMT 340, MKTG 330. MGMT 341 with C- or better
Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 471 Business Plan Considerations and Drafting (3 crs)
Prerequisite: MGMT 371 with C- or above; MGMT 373. MGMT 374 or concurrent enrollment.
Students learn to refine and communicate business ideas in an entrepreneurial environment and present market, operational, and financial feasibility in a structured written business plan. Students will make a formal presentation of the plan to a panel of professionals.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 491 Topics in Management (1-3 crs)
Prerequisite: MGMT 340. Minimum junior standing.
- Course may be repeated when topic differs.
Current issues in international business will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary management professionals.
Repeat: Course may be repeated for a maximum of 99 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MGMT 492 Topics in Human Resource Management (1-3 crs)
Prerequisite: MGMT 349. Additional prerequisites may be required depending on the topic. (See current Class Schedule.) Minimum junior standing.
- Additional prerequisites may be required depending on the topic. (See current Class Schedule.)
Current issues in human resource management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary HRM professionals.
Repeat: Course may be repeated

MGMT 493 Topics in Operations Management (1-3 crs)
Prerequisite: MGMT 341. Additional prerequisites may be required depending on the topic. (See current Class Schedule.) Minimum junior standing.
- Additional prerequisites may be required depending on the topic. (See current Class Schedule.)
Current issues in operations management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary operations professionals.
Repeat: Course may be repeated

MGMT 494 Topics in Leadership (1-3 crs)
Prerequisite: Minimum junior standing.
- Course may be repeated when topic differs. Additional prerequisites may be required depending on the topic. (See current Class Schedule.)
Current issues in leadership will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary leaders.
Repeat: Course may be repeated for a maximum of 99 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

MGMT 495 Directed Projects (3 crs)
Prerequisite: Minimum senior standing. Consent: Department Consent Required
Internship experiences in business situations relevant to student’s major field of study; under supervision of faculty member.
Repeat: Course may be repeated

MGMT 498 Internship Program II (1-3 crs)
Prerequisite: MGMT 340 or MGMT 341 or MGMT 349. Minimum senior standing. Consent: Department Consent Required
Internship experiences in business situations relevant to student’s major field of study; under supervision of faculty member. Acceptance in Internship Program. See description under College of Business. Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.
Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated
MGMT 499 Independent Study Projects (1-4 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

MGMT 740 Organizational Management Foundation (2 crs)
Prerequisite: Limited to MBA students.
• Not for MBA degree credit.
Introduction to the science and business of managing organizations. Students examine behavioral theories and research studies, investigate strategies corporations employ to enhance organizational performance, and review current issues, opportunities, and challenges facing companies today.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MGMT 741 Operations Foundation (2 crs)
Prerequisite: Limited to MBA students.
• Previous statistics coursework required. Not for MBA degree credit.
Study of the operations function within organizations that produce goods and/or services.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MGMT 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Marketing (MKTG)

MKTG 210 Service-Learning in Marketing (1 cr)
Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.
Attributes: Service-Learning, Full 30 Hours
Grading Basis: S/U Only Grade Basis

MKTG 330 Principles of Marketing (3 crs)
Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, SPDP Workshops, and completion of 54 credits.
This course examines how profit and nonprofit organizations identify and evaluate customer needs; select target markets; and create, price, promote, and distribute need-satisfying products/services to individuals, organizations, and society.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 331 Buyer Behavior (3 crs)
Prerequisite: MKTG 330 or concurrent enrollment. Minimum junior standing.
Examines the personal characteristics and external forces influencing the buyer's purchase behavior. Includes an emphasis on implications for marketing strategy development.
Attributes: Cultural Diversity 1 cr.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 332 Marketing Communications and Promotion Analysis (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
Integrated marketing communications and its applications in advertising, direct marketing, sales promotion, personal selling, internet marketing, and public relations. Emphasis on promotional campaign strategies, implementation and evaluation, including category management assessment, marketing databases, media selection, and campaign effectiveness.
Attributes: Service-Learning Optional
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 333 Digital Marketing (3 crs)
Prerequisite: ACCT 201, ECON 103, 104, IS 240, MKTG 330; minimum junior standing
This course examines the intersection of marketing and technology. Specifically, the course deals with digital marketing issues such as: technological foundations, business implications, retailing, sales, and promotional implications, associated social, legal, ethical implications.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 334 Marketing Research (3 crs)
Prerequisite: BSAD 202 or MATH 246; MKTG 330. Minimum junior standing.
Application of research techniques in the marketplace, and role of marketing information within the firm as a management tool in decision making.
Attributes: Service-Learning Optional
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MKTG 335 International Marketing (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.
Attributes: Foreign Culture, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 336 Business Logistics Management (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
Examines the flow of materials and information through the logistics pipeline from a systems perspective. The strategic management of areas such as supply chain relationships, LIS, distribution, materials movement and storage, inventory levels, and transnational tactics are stressed.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 337 Professional Selling (3 crs)
Prerequisite: MKTG 330 or concurrent enrollment. Minimum junior standing.
A behavioral, pragmatic study of the process of personally persuading prospects to buy products, services, or ideas, leading to the mutual satisfaction of the goals of both buyer and seller.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 338 Marketing Analytics and Technology (3 crs)
Prerequisite: IS 240; MATH 246; MKTG 330 or concurrent enrollment.
*This class requires access to a laptop computer which can be brought to class when required.*
Analytical approaches to marketing decision-making using software and database (e.g., Nielsen retail databases, among others). Emphasis will be placed on Internet marketing, customer relationship management, retail and survey/statistical analyses.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 372 Advanced Marketing for Entrepreneurs (3 crs)
Prerequisite: MGMT 371; MKTG 330; Admission to the College of Business. See current catalog for College of Business admission criteria.
Students learn to identify and examine successful strategies in an entrepreneurial environment, and how opportunities are pursued in a global business environment.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 398 Internship Program I (1-3 crs)
Prerequisite: Minimum junior standing
Consent: Department Consent Required
*Acceptance in Internship Program. See description under College of Business. A maximum of three credits of BSAD, MGMT, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*
Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 3 credits

MKTG 399 Independent Study Projects (1-4 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

MKTG 425 Marketing in Service Organizations (3 crs)
Prerequisite: MKTG 330
A reconsideration of traditional marketing topics in the context of a variety of service organizations. Emphasis is placed on discussion of how product-oriented marketing activities need to be adjusted or even reinvented to accommodate “non-products.”
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 432 Retail Management (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
The study of the retail function and its role in the exchange process. Topics include consumer behavior, retail pricing, store location, merchandising, vendor relationships, and human resource management.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 433 Sales Management (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
Positions in sales management are among the first managerial assignments many business students receive. This course focuses on defining the strategic role of the sales function and sales organization, developing and directing a sales force, and evaluating sales force performance. Role playing will be used to help students experience realistic management scenarios.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MKTG 434 Advanced Marketing Analytics (3 crs)
Prerequisite: MKTG 338.
This course builds on Mktg 338 including web analysis and data mining techniques to extract information from large marketing databases. Application of quantitative analysis to uncover insights for marketing decisions in internet and retail settings.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 437 Business-to-Business Marketing (3 crs)
Prerequisite: MKTG 330. Minimum junior standing.
Studies the marketing strategies characteristic of institutions, government, industrial, and other marketing environments which do not directly target the final consumer. The unique characteristics of these markets and the implications for strategic marketing management provide the focus for this course.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 438 Marketing Management (3 crs)
Prerequisite: MKTG 330 and completion of at least two Marketing courses beyond MKTG 330. Minimum senior standing.
Designed as the capstone course in marketing. All the ideas and concepts presented in other marketing courses are integrated and brought together via the application of marketing tools, principles, and theories, as experienced through case studies and problem solving. The role of the marketing executive in business is emphasized.
Attributes: Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 490 Advanced Sales Topics (3 crs)
Prerequisite: MKTG 337.
Application of research skills to develop an in-depth analysis of one company's sales structure and its position relative to its competitors. A semester-long project will incorporate field study and database research identifying different sales structures and advantages.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 491 Selected Topics (1-3 crs)
Prerequisite: Minimum senior standing.
Small groups will study topics selected because of a special interest on the part of students or faculty.
Repeat: Course may be repeated

MKTG 495 Directed Projects (3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.
Repeat: Course may be repeated

MKTG 498 Internship Program II (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
• Acceptance in Internship Program. See description under College of Business. Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.
Students will participate in work experiences related to their area of interest.
Attributes: LE-I1 Integration, Service-Learning Optional, Internship, Special Course Fee Required
Repeat: Course may be repeated

MKTG 499 Independent Study Projects (1-4 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

MKTG 730 Marketing Analysis Foundation (2 crs)
Prerequisite: Limited to MBA students. No credit if taken after MKTG 330.
• Not for MBA degree credit
Analysis of problems related to the development of marketing strategy. Attention is focused on identifying a target market, allocating resources to the marketing mix, and examining the impact of environmental variables on management decisions.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MKTG 797 Independent Study (1-3 crs)
Prerequisite: Limited to MBA students.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
**Master of Business Administration (MBA)**

**MBA 711 Leading a Diverse and Dynamic Workforce (4 crs)**
Prerequisite: Limited to MBA students.
In this course, you will explore challenges and opportunities that commonly arise in the workplace. You will develop skills in leadership, communication, and teamwork to help manage a diverse workforce in a dynamic business environment.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

**MBA 712 Developing New Products and Services (4 crs)**
Prerequisite: MBA 711. Limited to MBA students.
Development of knowledge and skills used in understanding the complexities involved in launching a new product or service, a new business venture, subsidiary, or division.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

**MBA 713 Strategic Competitiveness in a Global Environment (4 crs)**
Prerequisite: MBA 711. Limited to MBA students.
Students develop the skills to analyze and position an organization for strategic competitiveness in a global marketplace. The challenges of determining corporate and business strategies, global marketing entry strategies, and the implications of mergers and acquisitions on global competition are addressed.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

**MBA 714 Leading the Organization of the Future (4 crs)**
Prerequisite: MBA 711, 712 and 713. Limited to MBA students.
The dynamics of change and the importance of corporate strategies in leading the organization of the future are investigated. Students explore how to effectively integrate information technology, human resource issues, and organizational change practices.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

**MBA 720 Electives (0.5-3 crs)**
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

**MBA 721 Electives (0.5-3 crs)**
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

**MBA 722 Electives (0.5-3 crs)**
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

**MBA 723 Electives (0.5-3 crs)**
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

**MBA 724 Electives (0.5-3 crs)**
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
### MBA 725 Electives (0.5-3 crs)
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit  
Repeat: Course may be repeated  
Grading Basis: No S/U Grade Option

### MBA 726 Electives (0.5-3 crs)
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit  
Repeat: Course may be repeated  
Grading Basis: No S/U Grade Option

### MBA 727 Electives (0.5-3 crs)
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit  
Repeat: Course may be repeated  
Grading Basis: No S/U Grade Option

### MBA 728 Electives (0.5-3 crs)
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit  
Repeat: Course may be repeated  
Grading Basis: No S/U Grade Option

### MBA 729 Electives (0.5-3 crs)
Prerequisite: Limited to MBA students.
Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit  
Repeat: Course may be repeated  
Grading Basis: No S/U Grade Option

### MBA 733 Understanding a Diverse Workforce (1 cr)
Prerequisite: Limited to MBA students.
Prepares students to manage a diverse workforce.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

### MBA 740 Introduction to Assurance Services (1 cr)
Prerequisite: Limited to MBA students.
This course helps students identify situations in which assurance services are necessary, evaluate different types of assurance services and assess the quality of assurance services companies and investment funds provide.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

### MBA 742 Introduction to Financial Fraud (1.5 crs)
Prerequisite: Limited to MBA students.
This course provides an introduction to fraud. Fraudulent financial reporting and misappropriation of assets are major problems for businesses of all sizes. Knowledge about how fraud is committed and how to spot the potential for fraud are valuable for managers at all levels.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

### MBA 744 Tax Impact of Business Decisions (1.5 crs)
Prerequisite: Limited to MBA students.
This course introduces the student to an overall framework for evaluating the impact that taxes have on business decisions. While the course concentrates on the impact of federal income taxes, the concepts are general and can apply to a variety of taxing jurisdictions.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

### MBA 746 Mutual Fund Investing (1 cr)
Prerequisite: Limited to MBA students.
Students will learn criteria for selecting mutual funds, how to develop investment portfolios composed of multiple mutual funds consistent with demographic characteristics of the investor, and how to assess mutual fund and portfolio performance.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

### MBA 747 Financial Statement Analysis (2 crs)
Prerequisite: Limited to MBA students.
Analysis and interpretation of financial statements. Skills taught include: how to interpret financial statements, analyze cash flows, evaluate earnings quality, uncover hidden assets and liabilities, and forecasting financial statements.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0
MBA 748 Investment Analysis and Management (2 crs)
Prerequisite: Limited to MBA students.
This course will develop a thorough understanding of the portfolio construction thought process. Students will discover how to manage a portfolio by examining the logic and potential of using options and futures to enhance return and minimize risk.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 749 Incorporation of Exchange Rates in Strategic Decision-Making (1.5 crs)
Prerequisite: Limited to MBA students.
Students will acquire competency with the terminology, strategies, and practices needed to interact with confidence in business settings that require working within the global currency market.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 750 Regional Trade Agreements and Multinational Corporations (1.5 crs)
Prerequisite: Limited to MBA students.
This course introduces students to issues relating to regional trade agreements (trading blocs), giving special attention to such agreements in the Americas, Asia and Europe. It will also examine how regional trade agreements might affect Multinational Corporations (MNCs).
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 752 Business in East Asia (1.5 crs)
Prerequisite: Limited to MBA students.
This course provides perspective on business in Japan, South Korea, and China by looking at the historical backgrounds of each market and examining how those backgrounds impact present economic and business relations. Students focus on understanding each country's business practices and learn strategies to build successful East Asian partnerships and to succeed in business in East Asia.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 753 Corporate Venturing (1.5 crs)
Prerequisite: Limited to MBA students.
This course teaches students to encourage entrepreneurship, identify opportunities, locate potential new business within the firm, select the right managers, and set up planning processes.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 754 Fundamental Methods for Forecasting (1 cr)
Prerequisite: Limited to MBA students.
The ability to forecast data is important in business. This course teaches effective short term forecasting; it is heavily weighted toward applied work not mathematical theory. Students will have a portfolio of forecasts at the end of the course.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 755 Consumer Behavior (1.5 crs)
Prerequisite: Limited to MBA students.
This class will help you understand why consumers behave as they do. Using consumer behavior theories and our own purchase practices, we will attempt to predict how consumers will respond to a variety of marketing activities.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 757 Managing Workplace Stress (1 cr)
Prerequisite: Limited to MBA students.
Workplace stress costs millions of dollars annually in lost productivity and turnover. We will examine theories, causes, and consequences of stress and take a hands-on approach to address workplace stress.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 758 Strategies and Tactics of Pricing (2 crs)
Prerequisite: Limited to MBA students.
This course presents a framework for evaluating pricing decisions. Pricing is examined from the perspective of customers, competitors and costs; in a variety of contexts, including business-to-business markets, consumer goods markets, services, and not-for-profit companies.
Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
MBA 759 Selling Ideas at Work (1.5 crs)  
Prerequisite: Limited to MBA students.  
This course provides students with an understanding of how business people make decisions. It teaches students to utilize developed skills to sell ideas at work to both individuals and to groups.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 760 Employee Training and Development (2 crs)  
Prerequisite: Limited to MBA students.  
This course focuses on human resource development's role in maintaining an organization's competitive position; identifying training needs, transferring training to the workplace, and assessing training.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

MBA 761 Project Management (1.5 crs)  
Prerequisite: Limited to MBA students.  
This course examines project identification, selection, and planning. It will be organized along two major phases of the project management process: project selection and definition and project planning.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 762 Organizational Leadership and Change (1.5 crs)  
Prerequisite: Limited to MBA students.  
This course examines how change can be accomplished within organizations--who is responsible for change and how people can be helped to change.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 763 Business and Ethics (1.5 crs)  
Prerequisite: Limited to MBA students.  
Does a company have any obligation to help solve social problems? What about a manufacturer's obligation to the consumer with respect to product defects and safety? This course examines economic activity in an ethical framework.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 764 Work-Family Issues in Contemporary Times (1 cr)  
Prerequisite: Limited to MBA students.  
This course will critically examine and analyze issues of work and family life from both employee and employer perspectives.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1  
Lab/Studio Hours: 0

MBA 765 Advanced Topics in Project Management (1.5 crs)  
Prerequisite: MBA 761. Limited to MBA students.  
The advanced topics course is oriented toward the more experienced project manager and/or those who supervise project managers. The focus of the course will be to address some current "hot topics" in the field.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 766 Contract Law for Managers (2 crs)  
Prerequisite: Limited to MBA students.  
This course is not a strictly "legalistic" type of class; it emphasizes using and understanding the law in making ethical management decisions. Students will learn to use legal reasoning skills. They will understand and be able to apply the legal principles of contract law and sales law. The course will also look at law in the unique setting of e-commerce.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 2  
Lab/Studio Hours: 0

MBA 767 Project Execution and Control (1.5 crs)  
Prerequisite: MBA 761. Limited to MBA students.  
The primary focus of this course is identifying and managing challenges commonly seen in doing the work in projects after the project baseline has been approved.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0

MBA 769 Project Portfolio Management (1.5 crs)  
Prerequisite: MBA 761. Limited to MBA students.  
This course is designed to clarify ways to manage the project portfolio which involves tracking and managing all of an organization's projects, keep an eye on costs and resources, comply with deadlines and ensure the projects are in line with the company's overall mission.

Attributes: Higher Cost Per Credit  
Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 1.5  
Lab/Studio Hours: 0
MBA 770 E-Business Fundamentals for Managers (1.5 crs)
Prerequisite: Limited to MBA students.
This course provides an overview of the fast-growing Internet-based economy and asks, from a management point of view, “How may e-business contribute to the operational, tactical and strategic goals of an organization?

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 771 Introduction to Enterprise Resource Planning Systems (1.5 crs)
Prerequisite: Limited to MBA students.
This course describes the principal functions of ERP software and emphasizes the business impacts of such.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 773 Communicating for Success: Writing for Results (1 cr)
Prerequisite: Limited to MBA students.
Students take their writing skills to the next level by applying practical strategies (based on organizational communication theories) to their writing. Focus is on their own specific work-related audiences.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 774 Sustainability & Organizational Management (1.5 crs)
Prerequisite: Limited to MBA students.
This course introduces students to the interrelationship between business and the natural environment, examining the impact of the environment on business and the consequences of business decisions on the environment.

Attributes: Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 775 Information System Security (2 crs)
Prerequisite: Limited to MBA students.
Today’s manager must understand security and risk management. Students will discuss system vulnerabilities, mitigation strategies, and security-related personnel issues. They will be able to develop and implement security procedures and processes.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 777 Communicating for Success: Speak, Engage, Lead (1 cr)
Prerequisite: Limited to MBA students.
The purpose of this course is to enhance students’ workplace communication skills. Students and their organizations will benefit as students apply practical strategies to oral and interpersonal communication contexts for nearly any audience.

Attributes: Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 778 Managing Technology in Turbulent Times (2 crs)
Prerequisite: Limited to MBA students.
The intent of this course is to show the synergy that exists between the introduction of technologies into an organization and the shift in management strategy and decision making that is essential to receive full value from the technology investment.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 779 E-Business Website Development (1.5 crs)
Prerequisite: Limited to MBA students.
This course provides students with skills to develop a simple and effective e-business website. It examines design factors and the development process and focuses on facilitation of intra-organizational and inter-organizational communication and extra-organizational relationships.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 780 Health Care Human Resources and Organization (2 crs)
Prerequisite: Limited to MBA students.
How can we maximize human resources to improve the quality of health care? A unique feature of this course is its emphasis on complex adaptive systems (CAS), critical for success in health care settings.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>MBA 781</td>
<td>Fundamentals of Health Information Technology Management</td>
<td>2</td>
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<td>This course provides an introduction to the dynamic world of management of</td>
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<td>information technology in health care. A description of information processing,</td>
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<td>and future methodologies being employed to acquire and manage information</td>
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<td>Health Care Finance &amp; Economics</td>
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<td>Limited to MBA students.</td>
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<tr>
<td></td>
<td>This course will help students understand how factors such as government</td>
<td></td>
<td></td>
<td>Higher Cost Per Credit</td>
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<tr>
<td></td>
<td>intervention in health care, the organization of health insurance markets,</td>
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<td>Grade Basis: No S/U Grade Option</td>
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<td>and health care reform influence financial decision making in the health</td>
<td></td>
<td></td>
<td>Lecture/Discussion Hours: 2</td>
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<tr>
<td></td>
<td>care area.</td>
<td></td>
<td></td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>MBA 784</td>
<td>Supply Chain Management</td>
<td>2</td>
<td>Limited to MBA students.</td>
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<tr>
<td></td>
<td>This course covers terminologies, concepts, and tools involved in managing</td>
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<td>Higher Cost Per Credit</td>
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<tr>
<td></td>
<td>supply chain operations, emphasizing qualitative and quantitative tools used</td>
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<td>Grade Basis: A-F Grades Only</td>
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<tr>
<td></td>
<td>in managerial decision-making. Topics include Supply Chain Strategy, Supplier</td>
<td></td>
<td></td>
<td>Lecture/Discussion Hours: 2</td>
</tr>
<tr>
<td></td>
<td>Management, Inventory Management, Distribution, and Logistics.</td>
<td></td>
<td></td>
<td>Lab/Studio Hours: 0</td>
</tr>
<tr>
<td>MBA 785</td>
<td>Organizational Reward Systems</td>
<td>1.5</td>
<td>Limited to MBA students.</td>
<td></td>
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<tr>
<td></td>
<td>This course covers topics related to intrinsic and extrinsic rewards used</td>
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<td>Higher Cost Per Credit</td>
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<tr>
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<td>to achieve organizations' strategic goals. Topics include: motivational</td>
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<td></td>
<td>Grade Basis: No S/U Grade Option</td>
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<tr>
<td></td>
<td>theories, compensation surveys, job evaluation, merit pay, variable or at</td>
<td></td>
<td></td>
<td>Lecture/Discussion Hours: 1.5</td>
</tr>
<tr>
<td></td>
<td>risk pay, and team compensation.</td>
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<td></td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MBA 787</td>
<td>Quantitative Business Analysis</td>
<td>1.5</td>
<td>Limited to MBA students.</td>
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<tr>
<td></td>
<td>This course focuses on applied quantitative business analysis and uses</td>
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<td>Higher Cost Per Credit</td>
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<tr>
<td></td>
<td>Microsoft Excel. The course covers problem solving concepts and techniques,</td>
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<td>Grade Basis: No S/U Grade Option</td>
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<td></td>
<td>plus effective presentation of analysis results.</td>
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<td>Lecture/Discussion Hours: 1.5</td>
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<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MBA 789</td>
<td>Health Care Organization and Delivery</td>
<td>2</td>
<td>Limited to MBA students.</td>
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<tr>
<td></td>
<td>This course provides an understanding of our complex health system, from</td>
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<td>Higher Cost Per Credit</td>
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<td>basic organization and management to an exploration of the relationships</td>
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<td>Grade Basis: No S/U Grade Option</td>
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<tr>
<td></td>
<td>between cost, quality, and access in the context of system improvement and</td>
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<td></td>
<td>Lecture/Discussion Hours: 2</td>
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<td></td>
<td>healthcare reform.</td>
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<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MBA 791</td>
<td>Introduction to the Management &amp; Marketing of Non-Profits</td>
<td>1</td>
<td>Limited to MBA students.</td>
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<td></td>
<td>This course will provide a substantive introduction to the key principles</td>
<td></td>
<td></td>
<td>Higher Cost Per Credit</td>
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<td></td>
<td>and practical challenges in the law, management and marketing of nonprofit</td>
<td></td>
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<td>Grade Basis: No S/U Grade Option</td>
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<td>organizations (NPOs) and non-governmental organizations (NGOs).</td>
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<td></td>
<td>Lecture/Discussion Hours: 1</td>
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<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MBA 794</td>
<td>Business Process Simulation</td>
<td>2</td>
<td>Limited to MBA students.</td>
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<tr>
<td></td>
<td>This course will establish basic proficiency in simulation model development,</td>
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<td>Higher Cost Per Credit</td>
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<td>verification, validation, and analysis.</td>
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<td>Grade Basis: No S/U Grade Option</td>
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<td>Lecture/Discussion Hours: 2</td>
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<td>Lab/Studio Hours: 0</td>
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<tr>
<td>MBA 795</td>
<td>Research Paper</td>
<td>1-3</td>
<td>Limited to MBA students.</td>
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<td></td>
<td>Development of a thesis-type paper on a topic of interest to student.</td>
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<td>Higher Cost Per Credit</td>
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<td>Grade Basis: PR Only Grade Basis</td>
</tr>
<tr>
<td>MBA 796</td>
<td>Directed Project</td>
<td>1-3</td>
<td>Limited to MBA students.</td>
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<td></td>
<td>Permits a student to pursue a defined problem in an intensive way under the</td>
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<td></td>
<td>Higher Cost Per Credit</td>
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<td>direction of a graduate faculty member.</td>
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<td>Grade Basis: No S/U Grade Option</td>
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<td>Lecture/Discussion Hours: 2</td>
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<td></td>
<td>Lab/Studio Hours: 0</td>
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</tbody>
</table>
MBA 797 Independent Study (1-3 crs)
Prerequisite: Limited to MBA students.
Consent: Department Consent Required
An in-depth study of a topic of interest to the student and faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MBA 799 Thesis (1-3 crs)
Prerequisite: MBA 711. Limited to MBA students.
Consent: Department Consent Required
• Full-time equivalent. Completion of minimum of 15 graduate credits including MBA 711. Consent of MBA program director.
Development and completion of research project using formal investigative methodology.
Attributes: Higher Cost Per Credit
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: PR Only Grade Basis

Materials Science (MSCI)

MSCI 291 Special Topics in Materials Science (1-3 crs)
Prerequisite: CHEM 104 or CHEM 109 or CHEM 115; PHYS 232; MSE 221
Consent: Instructor Consent Required
• Field trips optional. A total of no more than nine credits from MSCI 291 and MSCI 491 may be applied toward major or graduation.
Lecture and possibly laboratory or field work in the study of current topics in Materials Science of special interest to students and faculty.
Repeat: Course may be repeated for a maximum of 9 credits

MSCI 384 Materials Science Junior Seminar I (0.5 crs)
Prerequisite: Minimum junior standing
Career preparation for Materials Science majors. Will include seminars with external speakers and class discussions of relevant issues.
Lab/Studio Hours: 0
Seminar Hours: .5

MSCI 385 Materials Science Junior Seminar II (0.5 crs)
Prerequisite: MSCI 384
The second course in the junior seminar course sequence. Will include seminars with external speakers and class discussions of relevant issues.
Lab/Studio Hours: 0
Seminar Hours: .5

MSCI 395 Directed Studies (1-3 crs)
Prerequisite: Minimum 2.0 GPA in Materials Science or Materials Science & Engineering comprehensive majors
Consent: Department Consent Required
This course is designed to allow a single student or a group of students to pursue their educational goals and interests under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

MSCI 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
This course provides junior-level students with research opportunities in Materials Science or Materials Science & Engineering.
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

MSCI 484 Materials Science Capstone I (1 cr)
Prerequisite: MSE 350; Credit may not be earned in both MSCI 480 and MSCI 484
First of a two-course capstone sequence. This course emphasizes hands-on, project-based experiences that are formulated and executed by the student.
Lab/Studio Hours: 0
Seminar Hours: 2

MSCI 485 Materials Science Capstone II (2 crs)
Prerequisite: MSCI 484; Credit may not be earned in both MSCI 485 and MSCI 481
Second of a two-semester capstone sequence. This course emphasizes writing projects based on student designed experiments.
Attributes: LE-I1 Integration
Lab/Studio Hours: 0
Seminar Hours: 4

MSCI 491 Special Topics in Advanced Materials Science (1-3 crs)
Prerequisite: MSCI 300. Limited to Materials Science or Materials Science & Engineering majors.
Consent: Instructor Consent Required
• Field trips optional. A total of no more than nine credits from MSCI 291 and MSCI 491 may be applied toward major or graduation.
Lecture and possibly laboratory or field work in the study of current topics of Materials Science of special interest to advanced students and faculty.
Repeat: Course may be repeated for a maximum of 9 credits
MSCI 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
This course provides senior-level students with research opportunities in Materials Science or Materials Science & Engineering.
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

Materials Science and Engineering (MSE)

MSE 120 Introduction to Engineering (2 crs)
Prerequisite: MATH 109 or concurrent enrollment.
A comprehensive study of the engineering design process. Discussion of engineering disciplines with comparisons. The laboratory portion of the course includes design projects from various engineering disciplines.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

MSE 221 Living in a Materials World (3 crs)
Prerequisite: MATH 114 or concurrent enrollment. No credit if taken after MSCI 100.
Processing and structure’s impact on materials properties and performance. Societal benefits of sustainable, biomimetic, or responsible materials selection.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MSE 256 Introduction to Computer Aided Design (1 cr)
Prerequisite: MATH 109 or concurrent enrollment.
The course provides an introduction to 3-dimensional computer aided design and modeling.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

MSE 315 Materials Characterization (4 crs)
Prerequisite: CHEM 103 or CHEM 115 and PHYS 211 or PHYS 231.
A survey of commonly used materials characterization methods (XPS, SEM, AFM, XRD, XRF), including their theory of operation and hands-on experience. Includes a discussion of the measurement process and instrumental analysis of samples.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

MSE 334 Soft Materials (4 crs)
Prerequisite: CHEM 325
Includes in-depth soft materials topics such as synthesis and processing, structure-property relationships, and applications of soft materials.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MSE 350 Thermodynamics of Materials (4 crs)
Prerequisite: MSCI 100 or MSE 221 or GEOL 312; CHEM 104 or CHEM 109 or CHEM 115; MATH 215; PHYS 232 or concurrent enrollment.
Survey of the laws of thermodynamics and their application in Materials Science including phase equilibria. Aspects of quantum mechanics as they relate to Materials Science will be discussed.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MSE 357 Phase Transformation & Kinetics (3 crs)
Prerequisite: MSE 221; MATH 215; CHEM 104 or CHEM 109 or CHEM 115
Phase transformations are explored with emphasis on microstructure development, the impact of diffusion, and nucleation/growth mechanisms.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MSE 362 Microelectronic Materials Processing (2 crs)
Prerequisite: MSE 350; MSE 357 or concurrent enrollment. No credit if taken after MSCI 362
• Formerly MSCI 362.
The fabrication of microelectronic devices is discussed, and the thermodynamics and kinetics that impact process design. Methods and practices are reviewed.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MSE 363 Microelectronic Materials Processing Lab (2 crs)
Prerequisite: MSE 350 or CHEM 433 or PHYS 332. No credit if taken after MSCI 363
• Formerly MSCI 363.
The fabrication of microelectronic devices is explored. Methods and practices for photolithography, etching, and deposition are studied in a lab setting.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

MSE 367 Macroprocessing of Materials (3 crs)
Prerequisite: MSE 357
Processing approaches for major categories of bulk materials. Topics range from raw materials to forming and finishing of final products.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MSE 368 Macroprocessing Materials Lab (2 crs)
Prerequisite: MSE 367 or concurrent enrollment.
Practical and analytical aspects of processing techniques and investigation of structure-property-processing relationships using hands-on experiences.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6
MSE 372 Transport Phenomena (3 crs)
Prerequisite: MATH 312
Principles of momentum, heat, and mass transport. Applications of appropriate
differential equations and boundary conditions to solve problems in materials
processing.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MSE 374 Physics of Solids (4 crs)
Prerequisite: PHYS 332 or MSE 350
• Credit may not be earned in both MSE 374 and PHYS 374.
A description of the behaviors of crystalline solids. Topics include
crystallography, diffraction, and the electrical, optical and magnetic properties
of materials. Semiconducting materials and devices will also be discussed.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MSE 376 MS&E Junior Seminar I (0.5 crs)
Prerequisite: Limited to Pre-Materials Science and Engineering or Materials
Science and Engineering majors
• Must be admitted to MSE by first day of class.
Career preparation for Materials Science & Engineering majors. Will include
seminars with external speakers and class discussions of relevant issues.
Lab/Studio Hours: 0
Seminar Hours: .5

MSE 377 MS&E Junior Seminar II (0.5 crs)
Prerequisite: MSE 386; Limited to Materials Science and Engineering majors
The second course in the junior seminar course sequence. Will include seminars
with external speakers and class discussions of relevant issues.
Lab/Studio Hours: 0
Seminar Hours: .5

MSE 451 Computational Materials Science (4 crs)
Prerequisite: MSE 350 or PHYS 333 or CHEM 434.
Theory and application of computational methods to model, understand and
predict the behavior of materials. Labs provide hands-on experience in solving
real materials problems using computational approaches.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

MSE 486 MS&E Capstone I (2 crs)
Prerequisite: MSE 256; MSE 350; MSE 387 or departmental consent
First of a two-course capstone sequence. Hands-on, project-based experiences
including engineering design, problem solving and Computer Aided Design
(CAD).
Lab/Studio Hours: 0
Seminar Hours: 4

MSE 487 MS&E Capstone II (2 crs)
Prerequisite: MSE 486
Second of a two-course capstone sequence. Conclusion of student-designed
projects accompanied by preparation of multiple technical documents.
Attributes: LE-I1 Integration
Lab/Studio Hours: 0
Seminar Hours: 4

MSE 493 Collaborative Internship (1-3 crs)
Prerequisite: 2.50 total GPA; minimum junior standing
Consent: Instructor Consent Required
This course provides students an opportunity to participate in collaborative
projects that are performed on campus under the supervision of a faculty
member.
Attributes: Internship
Grading Basis: A-F Grades Only

MSE 494 Off-campus Materials Science Internship (1-3 crs)
Prerequisite: 2.50 total GPA; minimum junior standing
Consent: Instructor Consent Required
Off-campus internship with a regional company or other partner, including
professional development training and reflection.
Attributes: Internship
Grading Basis: A-F Grades Only

Mathematics (MATH)

MATH 10 Basic Mathematics and Elementary Algebra (4 crs)
Prerequisite: For students with minimal high school mathematics or
appropriate score on the mathematics placement test.
• No credit if taken after credit is earned in any higher-numbered mathematics
course. This course is graded on a letter grade basis. The grade received is used
in calculating semester, resident, and total GPAs.
Develops basic mathematics and elementary algebraic skills necessary for
further study of algebra.
Grading Basis: No Auditors
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Grading Basis</th>
<th>Attributes</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
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<tbody>
<tr>
<td>MATH 20</td>
<td>Intermediate Algebra (4 crs)</td>
<td>4</td>
<td>A grade of C or above in MATH 10, or one year of college-preparatory algebra and an appropriate score on the mathematics placement test.</td>
<td>• This course is graded on a letter grade basis. The grade received is used in calculating semester, resident, and total GPAs. No credit if taken after credit is earned in any higher-numbered mathematics course except MATH 106 or MATH 107.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
<td>4</td>
<td>0</td>
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<tr>
<td>MATH 50</td>
<td>Supplemental Math Preparation (1 cr)</td>
<td>1</td>
<td>Suitable mathematics placement test score and concurrent enrollment with MATH 104, 108, 109, 201 or 246.</td>
<td>Development of foundational skills and concepts to allow concurrent enrollment in certain credit-bearing mathematics courses in lieu of prerequisite enrollment in MATH 20.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
<td>1</td>
<td>0</td>
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<tr>
<td>MATH 104</td>
<td>Finite Mathematics with Applications (4 crs)</td>
<td>4</td>
<td>Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.</td>
<td>This course will cover applications from Economics, Social and Biological Sciences. The topics include sets, functions, counting principles, probability, solutions of linear systems by graphical and algebraic methods, matrices, linear programming, problem formulation, and using graphs and trees.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
<td>4</td>
<td>0</td>
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<tr>
<td>MATH 107</td>
<td>Mathematics in Latin American Cultures (4 crs)</td>
<td>4</td>
<td>MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.</td>
<td>This course introduces important mathematical concepts and topics, such as number and arithmetic systems, symmetry, and data structure, using the cultural lenses of pre-Columbian Latin American indigenous cultures.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
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<tr>
<td>MATH 108</td>
<td>Earth Algebra (4 crs)</td>
<td>4</td>
<td>Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.</td>
<td>Modeling real data drawn from biology, the environment, finance, and other physical systems. Topics include the development of linear, polynomial, exponential and logarithmic functions, and the rate of change in an applied setting.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
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<td>0</td>
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<tr>
<td>MATH 109</td>
<td>Algebra for Calculus (4 crs)</td>
<td>4</td>
<td>Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.</td>
<td>Algebraic concepts, techniques, and applications including polynomial and rational expressions, linear and quadratic equations, complex numbers, inequalities, absolute value, functions and graphs, exponential and logarithmic functions, systems of equations and inequalities, and zeros of polynomials. This course is for students pursuing degree programs that require calculus.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
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<tr>
<td>MATH 111</td>
<td>A Short Course in Calculus (4 crs)</td>
<td>4</td>
<td>MATH 109, or a grade of B or above in MATH 108, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score.</td>
<td>Primarily for students in biology, business, economics, psychology, and sociology. Functions, limits, continuity, derivatives, integrals, and applications.</td>
<td>• May not be counted for credit toward a major or minor in mathematics.</td>
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</table>
MATH 112 Precalculus Mathematics (4 crs)
Prerequisite: MATH 108, or MATH 109, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score.
- May not be counted for credit toward a major or minor in mathematics.
Prepares students to enter the Math 114, Math 215, Math 216 sequence. Includes absolute value; logarithmic, exponential, and trigonometric functions; inequalities; conic sections; complex numbers; and topics from theory of equations.
Attributes: LE-S2 Mathematics
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 113 Trigonometry (2 crs)
Prerequisite: MATH 109, or a grade of B or above in MATH 108, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score. Credit may not be earned in both MATH 113 and MATH 112.
- May not be counted for credit toward a major or minor in mathematics.
Graphs, properties, and geometric significance of trigonometric functions of a real variable. Other topics include trigonometric equations and identities, inverse trigonometric functions and applications.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 114 Calculus I (4 crs)
Prerequisite: MATH 109 and MATH 113, or MATH 112, or four years of above-average work in college-prep mathematics, including one semester of trigonometry and a suitable mathematics placement test score. Limits, theory, and application of the derivative; introduction to integration.
Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 150 Introduction to the Actuarial Career (1 cr)
- No credit if take after Math 291 when offered as Introduction to the Actuarial Career
Designed to start or further efforts in understanding the actuarial profession and to prepare students for an actuarial job search.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 0

MATH 201 Number and Operations I (2 crs)
Prerequisite: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50. ELED and SPED majors/minors only.
Mathematical knowledge for teachers based on practice/content standards. Topics include: number systems, number theory, and integer algorithms.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 202 Number and Operations II (2 crs)
Prerequisite: MATH 201. Limited to elementary and special education majors and minors.
Mathematical knowledge for teachers based on practice/content standards. Topics include: fractions, ratios/proportions, and decimals.
Attributes: LE-52 Mathematics
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 203 Mathematics for Elementary/Middle School Teachers I (3 crs)
Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable math placement test score. Limited to elementary or special education majors and minors.
- May not be counted for credit toward a major or minor in mathematics.
An integrated study of mathematics content, methods, and curricula. Topics include problem solving, reasoning, whole numbers and numeration with an emphasis on cognitively guided instruction, elementary number theory, integers.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 204 Mathematics for Elementary/Middle School Teachers II (3 crs)
Prerequisite: MATH 203. Limited to elementary and special education majors and minors. Minimum sophomore standing.
- Counts only toward the elementary teaching minor in mathematics.
An integrated study of mathematics content, methods, and curricula. Topics include number theory, the rational numbers, ratio and proportion, the real number system and probability. Emphasis on communication and algebraic thinking. Practicum experience included.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 212 Calculus and Business Mathematics (3 crs)
Prerequisite: MATH 111 or MATH 114.
- May not be counted toward a major in mathematics.
Multivariate calculus, matrix algebra, linear programming, mathematics of finance, and business-oriented applications.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 215 Calculus II (4 crs)
Prerequisite: MATH 114
Applications and techniques of integration; improper integrals; sequences and series; power series and Taylor’s formula.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
MATH 216 Calculus III (4 crs)
Prerequisite: MATH 215
Introduction to functions of several variables, including partial derivatives, multiple integrals, the calculus of vector-valued functions, and Green's Theorem, Stokes' Theorem, and the Divergence Theorem.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 246 Elementary Statistics (4 crs)
Prerequisite: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.
• May not be counted for credit toward a major or minor in mathematics with the exception of the Middle Childhood/Early Adolescence minor in mathematics.
Basic statistical analysis, including descriptive statistics, probability, confidence intervals, hypothesis testing, simple linear regression, correlation, Chi-Square, and Analysis of Variance.
Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 291 Special Topics (1-3 crs)
Topics will vary, depending on interest of students and faculty.
Repeat: Course may be repeated for a maximum of 9 credits

MATH 297 Developmental Tutoring Techniques (1 cr)
• May not be counted for credit toward a major or minor in mathematics except in the Comprehensive Major: Mathematics Teaching emphasis or the Minor: Mathematics, Middle Childhood/Early Adolescence, Teaching.
Training and tutoring for developmental mathematics courses.
Repeat: Course may be repeated for a maximum of 4 credits
Seminar Hours: 1

MATH 303 Probability and Statistics in Grades 1-8 (2 crs)
Prerequisite: MATH 201. Limited to elementary and special education majors and minors. Minimum sophomore standing.
Mathematical knowledge for teachers based on practice/content standards.
Topics include: linear functions, statistics, probability, and expected value.
Attributes: LE-S2 Mathematics
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 307 Mathematics and Music (3 crs)
Prerequisite: MATH 114 (or equivalent) or consent of instructor.
Using mathematics to understand, appreciate, and create music. Free audio processing software will be emphasized. Rock, jazz, classical, and experimental music will be analyzed. Connections are made to brain science and medicine.
Attributes: GE V University Wide, LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 311 Differential Equations (3 crs)
Prerequisite: MATH 216. Credit may not be earned in both MATH 311 and MATH 312.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 312 Differential Equations and Linear Algebra (4 crs)
Prerequisite: MATH 215. Credit may not be earned in both MATH 311 and MATH 312.
Linear algebra: basis, dimension, matrix algebra, determinants, inverses, systems of linear equations, eigenvalues/eigenvectors. (Optional) matrices as linear transformations. Differential equations: first-order linear, separable; second-order linear with constant coefficients; higher order differential equations; first-order linear systems with constant coefficients; Laplace transforms; power series solutions. (Optional) Proof of Existence and Uniqueness Theorems.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 313 Digital Signal Processing (3 crs)
Prerequisite: MATH 215 or consent of instructor.
Fundamentals of digital signal processing. Fourier series, Fourier transforms and computerized Fourier transforms (FFTs) are described and applied to the analysis of digitized audio and digitized images.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MATH 314 Discrete Mathematics (3 crs)
Prerequisite: MATH 114 or MATH 212. No credit if taken after CS 240.
Introductory course in discrete mathematics. Topics include elementary
combinatorics, graph theory, trees, and Boolean algebra. The course
emphasizes an algorithmic approach to problem solving.
Attributes: GE IB Communication-Analytical Skills, Undergraduate/Graduate
Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 315 Advanced Calculus I (3 crs)
Prerequisite: MATH 216 and MATH 324.
Differential and integral calculus of several variables; vector calculus; line,
surface, and space integrals including Green's theorem, Divergence theorem,
and Stokes' theorem.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 316 Introduction to Real Analysis (3 crs)
Prerequisite: MATH 216 and MATH 324.
Real numbers, introductory topological topics, limits, sequences of numbers,
continuity, sequences of functions, and series.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 317 Introduction to Real Analysis II (3 crs)
Prerequisite: MATH 316
Differentiation and integration in Rn, Riemann-Stieltjes integral, functions of
bounded variation, implicit function theorem, introduction to metric spaces
including Arzela's Theorem and Tietze extension Theorem, and selected topics
in analysis.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 318 Introduction to Complex Variables (3 crs)
Prerequisite: MATH 216
Elementary functions of a complex variable, complex integrals, and residue
theory.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 322 Abstract Algebra for Elementary Teachers (4 crs)
Prerequisite: MATH 114 and MATH 202. Limited to elementary education
majors.
May not be counted for credit toward a major or minor in mathematics except
in mathematics teaching programs.
Includes sets, functions, and abstract algebraic structures such as groups, rings,
and fields.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 324 Linear Algebra (4 crs)
Prerequisite: MATH 215
An introductory course in linear algebra including matrix algebra, systems
of linear equations, vector spaces, linear transformations, eigenvalues, and
applications. Also covers methods of proof and a survey of student-faculty
research.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 330 Modern Geometry (4 crs)
Prerequisite: MATH 114
Requires basic knowledge of Euclidean Geometry.
Contemporary and classical Euclidean geometry, with emphasis on
constructions, transformations, and proofs. The Mira and geometry software
will be used to illustrate these topics. Some non-Euclidean geometry included.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 335 Introduction to Point-Set Topology (3 crs)
Prerequisite: MATH 324
Theory of sets, continuity of functions, neighborhoods of points, topological
and metric spaces, connectedness and compactness.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 338 Introduction to Differential Geometry (3 crs)
Prerequisite: MATH 216
An introduction to the study of curves and surfaces. Topics on curves include
curvature, torsion, and the Frenet frames. Topics on surfaces include curvature,
minimal surfaces, and Gauss' Remarkable Theorem.
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: 0.5
MATH 339 Relativity and Differential Geometry (4 crs)
Prerequisite: MATH 216, PHYS 232
The theories and history of special and general relativity. Manifolds, tensors, and metrics as they relate to relativity. Modern research in relativity and astronomy.
Attributes: LE-I1 Integration
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 341 Classical Number Theory (3 crs)
Prerequisite: MATH 114
Classical number theory including divisibility, primes and their properties, theory of congruences, Diophantine equations, number theoretic functions, primitive roots, and selected optional topics.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 342 Mathematical Logic and Proof (3 crs)
Prerequisite: MATH 215
Introductory logic statements, inference, quantification, and methods of proof with applications in sets, number theory, relations, and algebra.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 345 Introduction to Probability and Mathematical Statistics (4 crs)
Prerequisite: MATH 215 or concurrent registration. Credit may not be earned in both MATH 345 and MATH 346.
Sampling distributions; estimation and properties; hypothesis testing; analysis of variance; regression; nonparametric tests; and introduction to Bayesian inference.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 346 Introduction to Probability (4 crs)
Prerequisite: MATH 216 or concurrent enrollment. Credit may not be earned in both MATH 346 and MATH 347.
Probability in discrete and continuous sample spaces; conditional probability; counting techniques; probability functions; binomial, Poisson, normal distributions; and transformations of variables.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 347 Mathematical Statistics (4 crs)
Prerequisite: MATH 215; MATH 346.
• MATH 246 may not be taken for credit after or concurrently with MATH 347.
Sampling distributions; estimation and properties; hypothesis testing; analysis of variance; regression; nonparametric tests; and introduction to Bayesian inference.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

MATH 350 Introduction to Financial Mathematics (4 crs)
Prerequisite: MATH 215 or consent of instructor.
Mathematical theory of interest, annuities and applications, loans, portfolio management, securities valuation, and determinants of interest rates.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 351 Numerical Analysis I (3 crs)
Prerequisite: MATH 215
Nonlinear equations, interpolation and approximation, least squares, systems of linear equations, and error analysis.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 352 Numerical Analysis II (3 crs)
Prerequisite: MATH 215 and either one of the following: CS 163, CS 170, CS 255 (now CS 335), or consent of instructor.
Numerical solution of differential equations, numerical differentiation and integration, and the eigenvalue problem.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 354 Introduction to Mathematical Modeling (4 crs)
Prerequisite: MATH 215
Introduction to building mathematical models in an applied context, including principles of modeling; project(s) involve modeling open-ended real-world problems. Skills covered may include discrete dynamical systems, differential equations, stochastic models, and linear programming.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
MATH 355 Linear Programming (3 crs)
Prerequisite: MATH 215
Introductory topics in linear programming including computational
development of the simplex method, duality theory of linear programming,
dual simplex method, transportation problem, and the use of a linear
programming package.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 358 Introduction to Optimization (3 crs)
Prerequisite: MATH 215
An introduction to the theory and application of optimization techniques.
Analytic and numerical methods for linear and nonlinear problems of both
constrained and unconstrained type will be considered.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 365 Patterns of Problem Solving (4 crs)
Prerequisite: Minimum-level University Mathematics Competency.
• May not be counted for credit toward a major or minor in mathematics except
  in mathematics teaching programs.

Provides tools and concepts needed in problem solving in a variety of
disciplines.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 373 Issues in Secondary Mathematics (4 crs)
Prerequisite: MATH 215; MATH 330 or concurrent enrollment. Limited to
mathematics teaching majors.
• This is a hybrid offering with 3 hours per week offered face to face and 1 hour
  per week offered online.

An integrated study of mathematical topics taught in grades 5-12 with a
focus on increasing pedagogical content knowledge. Topics covered include
algebraic, geometric, and other relevant issues in secondary mathematics.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 380 Research Methods (3 crs)
Prerequisite: MATH 324 or consent of instructor.
Introduction to research methods in mathematics. Topics include: background
research, methods of proof, mathematical writing, and presentation skills.

Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 395 Directed Studies (1-3 crs)
Prerequisite: 2.00 GPA in mathematics.
Consent: Department Consent Required
For the student who wishes to pursue independent study of a topic in
mathematics under the supervision of a member of the mathematics
department.

Repeat: Course may be repeated

MATH 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MATH 425 Abstract Algebra I (3 crs)
Prerequisite: MATH 324
An introduction to the abstract concepts of algebra such as groups, rings, and
fields. Topics such as direct products, group homomorphisms, factor groups,
integral domains, and polynomial rings will be included.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 426 Abstract Algebra II (3 crs)
Prerequisite: MATH 425/MATH 625. No credit if taken after MATH 322.
A continuation of Math 425 including more advanced topics from groups,
rings, and fields, such as the Sylow theorems, prime and maximal ideals, unique
factorization domains, and finite fields.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 440 Digital Image Processing (3 crs)
Prerequisite: MATH 215
• Credit may not be earned in both MATH 440 and PHYS 440.
Applications of Fourier analysis and wavelets to optics and image processing.
Topics include: diffraction, wave optical theory of lenses and imaging, wavelets,
and image processing.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 441 Linear Regression Analysis, with Time Series (4 crs)
Prerequisite: MATH 345 or MATH 347 or MATH 246, and MATH 114.
Simple and multiple regression, transformation of variables, model checking,
analysis of residuals, regression diagnostics, stepwise regression, index
variables, confidence intervals, and computer software; overview of time series
and forecasting methods.

Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
MATH 443 Experimental Design and Analysis (3 crs)
Prerequisite: MATH 345 or MATH 347 or MATH 246
Basic concepts of statistical design of experiments; linear models; randomized block, Latin square, factorial, fractional factorial, rotatable, and incomplete block designs and applications.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 445 Survey Sampling (2 crs)
Prerequisite: MATH 345 or MATH 347 or MATH 246
Survey sampling including random sampling, stratified sampling, cluster sampling, and design of surveys.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 447 Nonparametric Statistics (2 crs)
Prerequisite: MATH 345 or MATH 347 or MATH 246
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 450 Foundations of Actuarial Science (4 crs)
Prerequisite: Admission to the Actuarial Science program
Actuarial theory of financial mathematical models for contingent events as applied to insurance, annuities, pensions, and reserving. Together with Math 460, this course prepares students for the actuarial exam covering contingent payments.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 451 Teaching Mathematics with Technology (4 crs)
Prerequisite: ES 203 or ES 210/ES 211 or ES 212; MATH 114. Credit may not be earned in both MATH 451/MATH 651 and MATH 453/MATH 653.
• May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.
In this course students will investigate teaching mathematics effectively with technology. Technology used includes graphing calculators, spreadsheets, interactive software, and calculator based laboratories. Topics include functions, statistics, probability, geometry, and mathematical modeling.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 456 Operations Research (2-3 crs)
Prerequisite: MATH 215
• Students who have earned credit in an upper-division linear programming course may earn only two credits in this course. This two-credit option is available only to those who have taken such a course. For students earning two credits due to this restriction, attendance will be optional during the linear programming unit.
An introduction to the theory and application of operations research techniques. Several important topics including linear programming, inventory models, waiting time models, and replacement models will be discussed.
Attributes: Undergraduate/Graduate Offering

MATH 460 Contingent Payment Analysis (4 crs)
Prerequisite: MATH 450 and Admission to the Actuarial Science Program (Code 180-001).
Actuarial theory of reserves, multiple life models, multiple decrement models, Poisson processes, and multi-state transition models. Together with Math 450, this course prepares students for the actuarial exam covering contingent payments.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 462 History of Mathematics (3 crs)
Prerequisite: MATH 114
A study of mathematics from a historical point of view beginning with the work of the early Greek mathematicians and including selected mathematicians and periods of mathematical development up to the present.
Attributes: LE-I1 Integration, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 470 Mathematical Models for Financial Economics (4 crs)
Prerequisite: Admission to the Actuarial Science Program (Code 180-001).
An introduction to financial derivatives including forwards and options with coverage of binomial, Black-Scholes, and lognormal pricing models.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 475 Actuarial Foundations of Short-Term Coverages (4 crs)
Prerequisite: MATH 347. Admitted to Actuarial Science Program. No credit if taken after MATH 491 when offered as Introduction to Credibility & Loss Models
An introduction to ratemaking and reserving for short-term insurance coverages; credibility theory; and actuarial models for frequency, severity, and aggregate distributions.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
MATH 480 Research Seminar (2 crs)
Prerequisite: MATH 380 or consent of instructor
Individual research projects in mathematics under the supervision of a member of the mathematics faculty, culminating in research project presentations.
Repeat: Course may be repeated for a maximum of 4 credits
Lab/Studio Hours: 0
Seminar Hours: 2

MATH 491 Special Topics (1-4 crs)
A variable content course designed to allow a breadth of study through investigation of mathematical topics not covered in other courses. Special interests of instructors will be utilized to provide topics.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits

MATH 493 Capstone Seminar (1 cr)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
An intensive study of selected topics including written and/or oral presentations by the students. The topics will connect ideas from across the mathematics major.
Attributes: Capstone Course
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MATH 494 Mathematics Seminar (1 cr)
Prerequisite: Minimum junior standing.
An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MATH 497 Honors Seminar (1 cr)
Prerequisite: Grade of B+ or above in MATH 216.
• Admission to Department Honors Program.
An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.
Repeat: Course may be repeated for a maximum of 3 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MATH 498 Mathematics Internship (1-3 crs)
Prerequisite: MATH 216. Limited to mathematics majors and minors. Minimum junior standing.
Consent: Department Consent Required
• May not count toward the minimal number of credits required for a mathematics major or minor.
Provides supervised on-the-job experience in an area of interest with mathematical content.
Attributes: Service-Learning Optional, Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors

MATH 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

MATH 507 Mathematics and Music (3 crs)
Prerequisite: MATH 114 (or equivalent) or consent of instructor.
• Cross-listed with MATH 307. Credit may not be earned in both courses.
Using mathematics to understand, appreciate, and create music. Free audio processing software will be emphasized. Rock, jazz, classical, and experimental music will be analyzed. Connections are made to brain science and medicine.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 511 Differential Equations (3 crs)
Prerequisite: MATH 216. Credit may not be earned in both MATH 311/ MATH 511 and MATH 312.
• Cross-listed with MATH 311. Credit may not be earned in both courses.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 513 Digital Signal Processing (3 crs)
Prerequisite: MATH 215 or consent of instructor.
• Cross-listed with MATH 313. Credit may not be earned in both courses.
Fundamentals of digital signal processing. Fourier series, Fourier transforms and computerized Fourier transforms (FFTs) are described and applied to the analysis of digitized audio and digitized images.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MATH 514 Discrete Mathematics (3 crs)
Prerequisite: MATH 114 or MATH 212. No credit if taken after CS 240.
   • Cross-listed with MATH 314. Credit may not be earned in both courses.

Introductory course in discrete mathematics. Topics include elementary
combinatorics, graph theory, trees, and Boolean algebra. The course
emphasizes an algorithmic approach to problem solving.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 515 Advanced Calculus I (3 crs)
Prerequisite: MATH 216 and MATH 324/MATH 524.
   • Cross-listed with MATH 315. Credit may not be earned in both courses.

Differential and integral calculus of several variables; vector calculus; line,
surface, and space integrals including Green's theorem, Divergence theorem,
and Stokes' theorem.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 516 Introduction to Real Analysis (3 crs)
Prerequisite: MATH 216 and MATH 324/MATH 524.
   • Cross-listed with MATH 316. Credit may not be earned in both courses.

Real numbers, introductory topological topics, limits, sequences of numbers,
continuity, sequences of functions, and series.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 518 Introduction to Complex Variables (3 crs)
Prerequisite: MATH 216
   • Cross-listed with MATH 318. Credit may not be earned in both courses.

Elementary functions of a complex variable, complex integrals, and residue
theory.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 524 Linear Algebra (4 crs)
Prerequisite: MATH 215
   • Cross-listed with MATH 324. Credit may not be earned in both courses.

An introductory course in linear algebra including matrix algebra, systems
of linear equations, vector spaces, linear transformations, eigenvalues, and
applications. Also covers methods of proof and a survey of student-faculty
research.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 530 Modern Geometry (4 crs)
Prerequisite: MATH 114
   • Cross-listed with MATH 330. Credit may not be earned in both courses.

Requires basic knowledge of Euclidean Geometry.

Contemporary and classical Euclidean geometry, with emphasis on
constructions, transformations, and proof. The Mira and geometry software will
be used to illustrate these topics. Some non-Euclidean geometry included.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 535 Introduction to Point-Set Topology (3 crs)
Prerequisite: MATH 324/MATH 524
   • Cross-listed with MATH 335. Credit may not be earned in both courses.

Theory of sets, continuity of functions, neighborhoods of points, topological
and metric spaces, connectedness and compactness.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 545 Introduction to Probability and Mathematical Statistics (4 crs)
Prerequisite: MATH 215 or concurrent registration.
   • Cross-listed with MATH 345. Credit may not be earned in both
MATH 345/MATH 545 and MATH 346/MATH 546.

MATH 246 may not be taken for credit after or concurrently with MATH 345/
MATH 545.

Counting techniques, discrete and continuous random variables, probability
distributions, sampling distributions, estimation, hypothesis testing, linear
regression, correlation, nonparametric statistics. Students who desire more
extensive probability and statistics should take MATH 346/MATH 546,
MATH 347/MATH 547.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 546 Introduction to Probability (4 crs)
Prerequisite: MATH 216 or concurrent enrollment.
   • Cross-listed with MATH 346. Credit may not be earned in both
MATH 345/MATH 545 and MATH 346/MATH 546.

Probability in discrete and continuous sample spaces; conditional probability;
counting techniques; probability functions; binomial, Poisson, normal
distributions; and transformations of variables.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
MATH 547 Mathematical Statistics (4 crs)
Prerequisite: MATH 215; MATH 346/MATH 546.
   - Cross-listed with MATH 347. Credit may not be earned in both courses.
   MATH 246 may not be taken for credit after or concurrently with MATH 347/
   MATH 547.
Sampling distributions; estimation and properties; hypothesis testing; analysis
of variance; regression; nonparametric tests; and introduction to Bayesian
inference.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

MATH 551 Numerical Analysis I (3 crs)
Prerequisite: MATH 215
   - Cross-listed with MATH 351. Credit may not be earned in both courses.
Nonlinear equations, interpolation and approximation, least squares, systems
of linear equations, and error analysis.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 552 Numerical Analysis II (3 crs)
Prerequisite: MATH 215 and either one of the following: CS 163, CS 170, CS 335,
or consent of instructor.
   - Cross-listed with MATH 352. Credit may not be earned in both courses.
Numerical solution of differential equations, numerical differentiation and
integration, and the eigenvalue problem.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 554 Introduction to Mathematical Modeling (4 crs)
Prerequisite: MATH 215
   - Cross-listed with MATH 354. Credit may not be earned in both courses.
Introduction to building mathematical models in an applied context, including
principles of modeling; project(s) involve modeling open-ended real-world
problems. Skills covered may include discrete dynamical systems, differential
equations, stochastic models, and linear programming.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 555 Linear Programming (3 crs)
Prerequisite: MATH 215
   - Cross-listed with MATH 355. Credit may not be earned in both courses.
Introductory topics in linear programming including computational
development of the simplex method, duality theory of linear programming,
dual simplex method, transportation problem, and the use of a linear
programming package.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 558 Introduction to Optimization (3 crs)
Prerequisite: MATH 215
   - Cross-listed with MATH 358. Credit may not be earned in both courses.
An introduction to the theory and application of optimization techniques.
Analytic and numerical methods for linear and nonlinear problems of both
constrained and unconstrained type will be considered.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 625 Abstract Algebra I (3 crs)
Prerequisite: MATH 324/MATH 524
   - Cross-listed with MATH 425. Credit may not be earned in both courses.
An introduction to the abstract concepts of algebra such as groups, rings, and
fields. Topics such as direct products, group homomorphisms, factor groups,
integral domains, and polynomial rings will be included.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 626 Abstract Algebra II (3 crs)
Prerequisite: MATH 425/MATH 625. No credit if taken after MATH 322.
   - Cross-listed with MATH 426. Credit may not be earned in both courses.
A continuation of Math 425 including more advanced topics from groups,
rings, and fields, such as the Sylow theorems, prime and maximal ideals, unique
factorization domains, and finite fields.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MATH 650 Foundations of Actuarial Science (4 crs)
Prerequisite: Admission to Actuarial Science program (Code 180-001).
• Cross-listed with MATH 450. Credit may not be earned in both courses.

Actuarial theory of financial mathematical models for contingent events as applied to insurance, annuities, pensions, and reserving. Together with Math 460, this course prepares students for the actuarial exam covering contingent payments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 651 Teaching Mathematics with Technology (4 crs)
Prerequisite: ES 203 or ES 210/ES 211 or ES 212; MATH 414. Credit may not be earned in both MATH 451/MATH 651 and MATH 453/MATH 653.
• Cross-listed with MATH 451. Credit may not be earned in both courses. May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.

In this course students will investigate teaching mathematics effectively with technology. Technology used includes graphing calculators, spreadsheets, interactive software, and calculator based laboratories. Topics include functions, statistics, probability, geometry, and mathematical modeling.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 656 Operations Research (2-3 crs)
Prerequisite: MATH 215
• Cross-listed with MATH 456. Credit may not be earned in both courses. Students who have earned credit in an upper division linear programming course may earn only two credits in this course. This two-credit option is available only to those who have taken such a course. For students earning two credits due to this restriction, attendance will be optional during the linear programming unit.

An introduction to the theory and application of operations research techniques. Several important topics including linear programming, inventory models, waiting time models, and replacement models will be discussed.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 660 Continent Payment Analysis (4 crs)
Prerequisite: MATH 450/MATH 650 and Admission to the Actuarial Science Program (Code 180-001).
• Cross-listed with MATH 460. Credit may not be earned in both courses.

Actuarial theory of reserves, multiple life models, multiple decrement models, Poisson processes, and multi-state transition models. Together with Math 450, this course prepares students for the actuarial exam covering contingent payments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 662 History of Mathematics (3 crs)
Prerequisite: MATH 114
• Cross-listed with MATH 462. Credit may not be earned in both courses.

A study of mathematics from a historical point of view beginning with the work of the early Greek mathematicians and including selected mathematicians and periods of mathematical development up to the present.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 670 Mathematical Models for Financial Economics (4 crs)
Prerequisite: Admission to the Actuarial Science Program (Code 180-001).
• Cross-listed with MATH 470. Credit may not be earned in both courses.

An introduction to financial derivatives including forwards and options with coverage of binomial, Black-Scholes, and lognormal pricing models.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 675 Actuarial Foundations of Short-Term Coverages (4 crs)
Prerequisite: MATH 347. Admission to Actuarial Science program. No credit if taken after MATH 491 when offered as Introduction to Credibility & Loss Models.
• Cross-listed with MATH 475. Credit may not be earned in both courses.

An introduction to ratemaking and reserving for short-term insurance coverages; credibility theory; and actuarial models for frequency, severity, and aggregate distributions.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 691 Special Topics (1-4 crs)
• Cross-listed with MATH 491.

A variable content course designed to allow a breadth of study through investigation of mathematical topics not covered in other courses. Special interests of instructors will be utilized to provide topics.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

MATH 694 Mathematics Seminar (1 cr)
• Cross-listed with MATH 494.

An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
MATH 704 Mathematics for Middle School Teachers (3 crs)
Topics include number and number sense, probability, statistics, reasoning, problem solving, patterns and functions, geometry, measurement, and algebra.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 707 Current Issues in Mathematics Teaching (3 crs)
A particular current trend in mathematics education will be the theme for each offering. Focus will be on mathematical content necessary to design instruction and develop curriculum. Nonthematic issues will also be discussed.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 710 Selected Topics in Calculus (1-3 crs)
Prerequisite: Minimum eight credits of Calculus or consent of instructor
Consent: Instructor Consent Required
An in-depth investigation of elementary calculus from an advanced viewpoint, including functions, limits, continuity, integrals, derivatives, and related applications.

Grading Basis: No S/U Grade Option

MATH 719 Introduction to Real Analysis (3 crs)
Prerequisite: MATH 215
Selected topics including sets, the real number system, mappings, sequences, limits, continuity, the derivative, and the integral.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 721 Foundations of Algebra (3 crs)
Prerequisite: MATH 425/MATH 625
Set theory, mappings, the integers, groups, rings, and vector spaces.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 731 Vector Methods in Geometry (3 crs)
Applications of vector methods to Euclidean geometry.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 732 Advanced Geometry (3 crs)
Prerequisite: One course in Calculus
Advanced study of geometry including Euclidean, non-Euclidean, projective, and affine geometries.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 742 Logic and Mathematics (3 crs)
Symbolic logic and its use in mathematics, including proof, demonstration, and applications in abstract mathematical systems.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 748 Applied Statistical Procedures (3 crs)
Prerequisite: MATH 246 or consent of instructor.
Includes methods of estimation, parametric and non-parametric tests of significance, linear regression and correlation, and analysis of variance for one-way or two-way crossed classified data. Applications include the use of computers.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 749 Probability and Statistics Workshop (3 crs)
Consent: Instructor Consent Required
Applications of probability and statistics which can be used by the secondary school teacher to motivate and enrich traditional mathematics classes and as topics in upper-level classes where some course content in probability or statistics is desired.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 751 Technology in Mathematics (3 crs)
Prerequisite: MATH 216
- Requires basic knowledge of Euclidean geometry.
The use of graphing calculators and computer software to enhance understanding of mathematical concepts and to formulate statements of theorems and solutions to problems is explored.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MATH 755 Linear and Nonlinear Programming (3 crs)
Prerequisite: MATH 216 and MATH 324/MATH 524.
Introductory topics in linear and nonlinear programming including the simplex method for solving a linear program and Wolf’s method for solving a quadratic program; and duality theory for linear, quadratic, and nonlinear programming.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 765 Number Theory (3 crs)
Foundations of number theory emphasizing congruences, selected number theoretic functions, Diophantine equations, continued fractions, and other classical problems.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 791 Special Topics (3 crs)
Prerequisite: Limited to MAT/MST MATH or MEPD program.
• Permission of academic program adviser required.
A variable content course designed to allow breadth of study through investigation of mathematical topics not covered in other courses.
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 793 Directed Studies (1-3 crs)
Permits students to undertake independent studies under the direction of a graduate faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MATH 794 Graduate Mathematics Seminar (1 cr)
Consent: Instructor Consent Required
Lab/Studio Hours: 0
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1

MATH 795 Research Paper (1-2 crs)
Consent: Instructor Consent Required
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

MATH 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MATH 799 Thesis (1-6 crs)
Consent: Instructor Consent Required
• Full-time equivalent.
A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

Military Science and Leadership (MSL)

MSL 101 Leadership and Personal Development (1 cr)
• One off-campus training event required. Lab and Physical Training required (see Schedule).
Introduction to the Army profession and military leadership. Personal development includes goal setting, time management, physical fitness and stress management. Lab includes squad movement, map reading, first aid and formations. Physical Training is composed of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required one day per week. Open to all students.
Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2
Physical Training Hours: 1

MSL 102 Introduction to Tactical Leadership (1 cr)
• One off-campus training event required. Lab and Physical Training required (see Schedule).
Basic leadership fundamentals such as problem solving, oral and written communication, goal setting and tactical knowledge. Exploration of leadership theories, attributes and traits. Lab includes team tactics, map reading, marksmanship and marching techniques. Physical Training consists of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required one day per week. Open to all students.
Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2
Physical Training Hours: 1
MSL 201 Innovative Team Leadership (2 crs)
Prerequisite: MSL 101 or consent of instructor.
Consent: Instructor Consent Required
- One off-campus training event required. Lab and Physical Training required (see Schedule).

Explores innovative tactical leadership strategies and styles by examining team dynamics and leadership theories. Students broaden their knowledge of communications, land navigation and tactics, which are practiced in lab. Physical Training attendance required two days per week. Open to all students.

Attributes: Field Trips(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2
Physical Training Hours: 2

MSL 202 Foundations of Tactical Leadership (2 crs)
Prerequisite: MSL 201 or consent of instructor.
Consent: Instructor Consent Required
- One off-campus training event required. Lab and Physical Training required (see Schedule).

Continues study of leadership principles emphasizing leadership analysis and leadership self-assessment. Students integrate map reading with tactical planning and develop operations orders. Lab applies basic team leadership during practical exercises in a field environment. Physical Training consists of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required two days per week. Open to all students.

Attributes: Field Trips(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2
Physical Training Hours: 2

MSL 301 Adaptive Team Leadership (3 crs)
Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202 or consent of instructor.
Consent: Instructor Consent Required
- Required off-campus training weekends. Lab and Physical Training required (see Schedule).

Students conduct leadership self-assessment, receiving direct and peer feedback. Apply advanced tactical skills and leadership in planning small-unit tactical training applying problem-solving techniques. Lab reinforces squad-level tactics, employing the troop-leading procedures. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trips(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
Physical Training Hours: 3

MSL 302 Applied Team Leadership (3 crs)
Prerequisite: MSL 301 or consent of instructor.
Consent: Instructor Consent Required
- Required off-campus training weekends. Lab and Physical Training required (see Schedule).

Emphasis on writing operation orders, improving oral/written communications, and leadership analysis. Receive direct and peer feedback on leadership performance. Lab applies advanced tactics and leadership during patrol-size tactical training. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trips(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
Physical Training Hours: 3

MSL 399 Military Science and Leadership Independent Study (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Instructor Consent Required
- Required off-campus training weekends. Lab and Physical Training required (see Schedule).

Students propose an independent study project on a topic in military history, military tactics or political/military leadership to the Assistant Professor of Military Science. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance. Physical Training attendance required three days a week. Open to juniors and seniors.

Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 2
Physical Training Hours: 2

MSL 401 Developing Adaptive Leaders (3 crs)
Prerequisite: MSL 302 or consent of instructor.
Consent: Required
- Required off-campus training weekends. Lab and Physical Training required (see Schedule).

Develop proficiency in planning and executing complex operations, functioning as a staff member and mentoring subordinates. Explore training management, staff collaboration and developmental counseling techniques. Lab instruction is designed to increase students’ organizational-level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trips(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
Physical Training Hours: 3
MSL 402 Leadership in a Complex World (3 crs)
Prerequisite: MSL 401 or consent of instructor.
Consent: Instructor Consent Required
- Required off-campus training weekends. Lab and Physical Training required (see Schedule).

Examine officership, study Army programs, and complete a battle analysis. Examine civilian, governmental, legal, and cultural factors of conducting military operations in an international environment. Lab instruction is designed to increase students' organizational level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2
Physical Training Hours: 3

Music (MUSI)

MUSI 100 Performing Arts On Stage (3 crs)
- No credit toward music major or minor programs. May not be repeated for credit.

Introduction to music listening and theatre appreciation. The course provides a working vocabulary for describing music and theatre while exploring the connection between performing arts and cultural context. In-class lectures/demonstrations are presented by performing arts faculty.

Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 102 Fundamentals of Music (2 crs)
Prerequisite: No credit if taken after or concurrently with MUSI 141.
- No credit toward music major or minor programs. May be waived by examination.

Introduction to musical skills and notation: reading and notating simple music; singing; playing melodies, chords, and scales on recorder and piano; basics of pitch, rhythm, timbre, form, and texture.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 103 Introduction to Electric Guitar (2 crs)
- No credit toward music major or minor program.

Introduction to electric guitar for the non-music major/minor. Music notational and tablature reading, basic music theory concepts, elementary playing technique mastery, and technical equipment overview emphasized. No prior guitar knowledge needed.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 104 Introduction to Piano (2 crs)
- No credit toward music major or minor programs.

An introduction to the keyboard for the non-music major/minor. Music reading, harmonization, improvisation, and basic music theory concepts will be emphasized. For the student with no prior keyboard knowledge.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MUSI 106 Class Piano (2 crs)
Consent: Department Consent Required
- No credit toward music major or minor programs.

Fundamental piano knowledge with an introduction to repertoire, technique, harmonization, and sight-reading.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 108 Advanced Class Piano (2 crs)
Prerequisite: MUSI 106 or keyboard placement exam.
Consent: Department Consent Required
- No credit toward music major or minor programs.

Designed for the student with some knowledge of piano. Sightreading, harmonization, transposition, technique, and repertoire are stressed in preparation for the proficiency examination given at course conclusion.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 110 Music Appreciation (3 crs)
Master works and historical eras of Western music; nontechnical, offered for enjoyment and enrichment of cultural background.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MUSI 111 Global Roots of Music in the United States (3 crs)
Forms and cultures represented in folk music in the United States with study of global roots of music and examination of perspectives and roles of music in culture.
Attributes: Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 112 History of Rock and Pop (3 crs)
• No credit toward music major or minor programs.
Non-technical stylistic development and history of popular music in the United States and United Kingdom from approximately 1955 through 1985. Emphasis placed on developing perceptive listening skills and analyzing cultural and social contexts.
Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 114 Evolution of Jazz (3 crs)
• No credit toward any music major or minor degree program.
Non-technical history and appreciation of jazz.
Attributes: Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 116 Folk Guitar in Culture across Time (3 crs)
Beginning folk guitar course with diversity infused to represent diverse repertoire and roles and styles of guitar playing in the United States and global music scene.
Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 118 Introduction to Singing (2 crs)
Consent: Instructor Consent Required
• No credit toward music major or minor programs.
Rudiments of singing for the general student, including breath management, tone production, and experience with classical and popular singing styles.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 141 Theory Written I (3 crs)
Prerequisite: Limited to music majors and minors, and musical theatre majors. Consent: Instructor Consent Required
Triads and their inversions, principles of voice leading, and first through fourth species counterpoint.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 142 Theory Aural I (1 cr)
Prerequisite: Limited to music majors and minors, and musical theatre majors. Consent: Instructor Consent Required
Skills in aural recognition and sight-singing, including simple melodies and basic techniques related to melodic and harmonic dictation.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MUSI 146 Theory Written II (3 crs)
Prerequisite: Grades of C- (C minus) or above in MUSI 141 and MUSI 142.
Continuation of Theory Written I, with addition of phrase structure, seventh chords, non-harmonic tones, secondary chords, common-chord modulation, fugue, and fifth-species counterpoint.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 147 Theory Aural II (1 cr)
Prerequisite: Grades of C- (C minus) or above in MUSI 141 and MUSI 142.
Continuation of Theory Aural I, with addition of seventh chords, non-harmonic tones, secondary dominants, and modulation to closely related keys.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MUSI 150 Beginning Composition (2 crs)
Prerequisite: MUSI 141 and MUSI 142.
Introduction to principles of music composition with an emphasis on recent art music. Composition and performance of student works for one to five players.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 151 Applied Music-Piano (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 152 Applied Music-Organ (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors
MUSI 153 Applied Music-Voice (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 154 Applied Music-Violin (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 155 Applied Music-Viola (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 156 Applied Music-Cello (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 157 Applied Music-Double Bass (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 158 Applied Music-Flute (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 159 Applied Music-Oboe (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 160 Applied Music-Clarinet (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 161 Applied Music-Bassoon (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 162 Applied Music-Saxophone (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 163 Applied Music-Trumpet/Cornet (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 164 Applied Music-French Horn (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 165 Applied Music-Trombone (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 166 Applied Music-Euphonium (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 168 Applied Music-Tuba (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 169 Applied Music-Percussion (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors
MUSI 170 Applied Music-Composition (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 171 Applied Music-Harp (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 172 Applied Music-Harpsichord (1-4 crs)
Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 173 Applied Conducting (1-2 crs)
Consent: Instructor Consent Required
Conducting and rehearsal technique, score study, and repertoire knowledge.
Repeat: Course may be repeated for a maximum of 4 credits

MUSI 180 Symphony Band (1 cr)
Consent: Instructor Consent Required
Audition required.
Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

MUSI 181 Wind Ensemble (1 cr)
Consent: Instructor Consent Required
Audition required.
Local concerts, annual concert tour and/or out of-town appearances may be part of this course. Includes study and performances of major wind ensemble literature.
Repeat: Course may be repeated for a maximum of 7 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

MUSI 182 University Band (1 cr)
Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 183 Marching Band (1 cr)
Audition required.
Perform at all home football games and the Homecoming Parade. Out-of-town performances may be part of this course.
Attributes: Physical Activity, Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

MUSI 184 University Orchestra (1 cr)
Consent: Instructor Consent Required
Audition required. Local and out-of-town appearances may be a part of this course.
Includes study and performance of major orchestral literature.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

MUSI 185 Summer Band (1 cr)
No audition required.
One performance is given during summer session.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

MUSI 186 Jazz Ensemble (1 cr)
Consent: Instructor Consent Required
Audition required.
Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2
MUSI 187 Varsity Band (1 cr)
Performs at stage shows and invited events. Out-of-town performances may be part of this course.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 188 Concert Choir (1 cr)
Consent: Instructor Consent Required
  • Audition required.
Local concerts, an annual concert tour, and/or other out-of-town appearances are required.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

MUSI 189 Summer Choir (1 cr)
  • No audition required.
One performance given during summer session.
Attributes: Activity
Repeat: Course may be repeated
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 190 Symphonic Choir (1 cr)
Consent: Instructor Consent Required
  • Audition required.
A large choir which performs major choral works with orchestra. Off-campus performance may be required.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 191 Men's Glee Club (The Statesmen) (1 cr)
Consent: Instructor Consent Required
  • Audition required.
Local concerts, an annual tour, and/or other out-of-town performances are required.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

MUSI 192 Women's Concert Chorale (1 cr)
Consent: Instructor Consent Required
  • Audition required.
Local concerts, an annual tour, and/or other out-of-town performances are required.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 193 Women's Chorus (1 cr)
Consent: Instructor Consent Required
  • Audition required--may not be taken by choral/vocal majors.
One performance is given at the end of the semester. Other local performances may be part of this course.
Attributes: Activity
Repeat: Course may be repeated
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 196 String Techniques (1 cr)
Consent: Instructor Consent Required
Materials, methods and techniques of playing and teaching violin, viola, cello, and bass through lecture and lab performance.
Attributes: Activity
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 198 Percussion Techniques (1 cr)
Consent: Instructor Consent Required
Materials, methods, and techniques of playing and teaching percussion instruments through lecture and lab performance.
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 202 Brass Techniques (1 cr)
Consent: Instructor Consent Required
Materials, methods, and techniques of playing and teaching trumpet, horn, trombone, euphonium, and tuba through lecture and lab performance.
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 208 Woodwind Techniques (1 cr)
Prerequisite: Minimum sophomore standing.
Consent: Instructor Consent Required
Materials, methods, and techniques of playing and teaching clarinet and saxophone through lecture and lab performance.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1
MUSI 210 Woodwind Techniques (1 cr)
Prerequisite: Minimum sophomore standing.
Consent: Instructor Consent Required
Materials, methods, and techniques of playing and teaching flute, oboe, and bassoon through lecture and lab performance.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 224 Music and Gender (3 crs)
- Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WGSS 224 (formerly WMNS 306).
Addresses the relationship between music and gender, how music reflects and influences gender construction, and the role of women in musical culture (composers, song-writers, performers, and patrons). No prior knowledge of music assumed.
Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DOIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 225 Global Traditions in Music (3 crs)
Prerequisite: Credit may not be earned in both MUSI 225 and MUSI 305.
- No credit toward music major programs. Credit may not be earned in both MUSI 225 and MUSI 305.
Introduction to the sound and concepts of diverse musical cultures from around the world, examining broad historical, cultural, and social contexts of music. Draws on folk, popular, traditional and art music genres. No prior knowledge of music assumed.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 227 Music History & Society I (3 crs)
Prerequisite: MUSI 146
Development of European classical music to 1700 with comparative music examples from folk, popular, and jazz traditions.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 229 Music History & Society II (3 crs)
Prerequisite: MUSI 227. Must be taken with MUSI 248.
Development of Euro-American classical music from 1700 with comparative music examples from folk, popular, and jazz music traditions.
Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 246 Theory Written III (3 crs)
Prerequisite: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.
Continuation of Theory Written II, with the addition of Neapolitan, augmented sixth, and chromatic mediant chords, modal mixture, advanced modulation, and binary, ternary, and sonata form.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 247 Theory Aural III (1 cr)
Prerequisite: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.
Continuation of Theory Aural II, with the addition of altered chords, chords of multiple thirds, Neapolitan sixth chord, augmented sixth chords, and advanced modulation.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MUSI 248 Theory Written IV (3 crs)
Prerequisite: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.
Continuation of Theory Written III, with the addition of late nineteenth-century chromaticism and form, and techniques of twentieth-century composers.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 249 Theory Aural IV (1 cr)
Prerequisite: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.
Continuation of Theory Aural III, with the addition of material employed by composers of the mid-late nineteenth century and the twentieth century.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MUSI 253 University Chamber Orchestra (1 cr)
Lab/Studio Hours: 2
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1

MUSI 255 String Ensemble (1 cr)
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

MUSI 256 Brass Ensemble (1 cr)
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite/Consent</th>
<th>Attributes</th>
<th>Repeat</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
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</thead>
<tbody>
<tr>
<td>MUSI 257</td>
<td>Woodwind Ensemble (1 cr)</td>
<td>Consent: Instructor Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated for a maximum of 4 credits</td>
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<tr>
<td>MUSI 258</td>
<td>Percussion Ensemble (1 cr)</td>
<td>Consent: Instructor Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated for a maximum of 3 credits</td>
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<td>MUSI 259</td>
<td>Jazz Combo (1 cr)</td>
<td>Consent: Instructor Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated</td>
<td>Grading Basis: No Auditors</td>
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<tr>
<td>MUSI 260</td>
<td>Contemporary Music Ensemble (1 cr)</td>
<td>Prerequisite: Limited to music and music education majors or minors, or theatre majors or minors, or dance minors or consent of instructor. Consent: Instructor Consent Required Includes study and performances of contemporary compositions as well as 20th- and 21st-century repertoire and styles. Attributes: Field Trip(s) Required Repeat: Course may be repeated for a maximum of 6 credits Lecture/Discussion Hours: 1 Lab/Studio Hours: 0</td>
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<td>MUSI 262</td>
<td>Chamber Choir (1 cr)</td>
<td>Consent: Department Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated for a maximum of 4 credits</td>
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<tr>
<td>MUSI 265</td>
<td>Vocal Jazz Ensemble (1 cr)</td>
<td>Consent: Instructor Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated for a maximum of 4 credits</td>
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<tr>
<td>MUSI 268</td>
<td>Piano Ensemble (1 cr)</td>
<td>Consent: Instructor Consent Required</td>
<td>Activity</td>
<td>Repeat: Course may be repeated for a maximum of 4 credits</td>
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<tr>
<td>MUSI 276</td>
<td>Keyboard Accompanying (2 crs)</td>
<td>Prerequisite: Sophomore standing as a music major and two semesters of MUSI 151, or instructor consent. Focuses on development of accompanying/collaborative skills of pianists. Vocal and instrumental repertoire studied with a focus on efficient preparation, effective rehearsing, and sensitive and artistic collaboration. Grading Basis: A-F Grades Only Lecture/Discussion Hours: 0 Lab/Studio Hours: 2</td>
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<td>MUSI 278</td>
<td>Beginning Functional Piano (1 cr)</td>
<td>Prerequisite: MUSI 146, MUSI 147; completion of the Piano Proficiency Examination. Consent: Instructor Consent Required Beginning melodic realization by ear, simple accompaniment patterns, harmonization using primary chords, transposition and modulation, song arrangements, improvisation, and lead-sheet realization. Lecture/Discussion Hours: 1 Lab/Studio Hours: 0</td>
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<tr>
<td>MUSI 280</td>
<td>Opera/Music Theatre Workshop (1 cr)</td>
<td>Consent: Instructor Consent Required Development of performance abilities and technical skills necessary for production of opera and music theatre culminating in performance of operatic and/or music theatre repertoire. Repeat: Course may be repeated for a maximum of 9 credits Lecture/Discussion Hours: 1 Lab/Studio Hours: 3</td>
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<tr>
<td>MUSI 290</td>
<td>Music and Culture Abroad (1-3 crs)</td>
<td>Emphasis on music and culture of the host country. Attributes: Foreign Culture, GE IVA Humanities-Fine Arts</td>
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<td>MUSI 303</td>
<td>Music History 1900 to Present (3 crs)</td>
<td>Prerequisite: MUSI 229 Developments in Western music from Impressionism to present day. Attributes: Foreign Culture, Cultural Diversity 1 cr. Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
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MUSI 305 Analyzing Global Traditions in Music (3 crs)
Prerequisite: MUSI 229. Credit may not be earned in both MUSI 225 and MUSI 305.
Addresses musical cultures from around the world through broad cultural and specific technical perspectives. Comparisons are made to Western musical practices.
Attributes: Foreign Culture, Cultural Diversity 1 cr.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 307 Music in the United States (3 crs)
This course will examine American music from the Colonial Period to the present and particularly highlight music within the contexts of class and race. Significant cultural, social, and historical relationships to the musical developments will be explored.
Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 309 Electronic Music (2 crs)
Prerequisite: MUSI 102 or MUSI 141
Consent: Instructor Consent Required
Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.
Attributes: Undergraduate/Graduate Offering
Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 312 Eurhythmics (2 crs)
Prerequisite: Limited to music/music therapy majors and minors.
Elements of music and musical expression through the medium of bodily movement.
Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 313 Music in Early Childhood (2 crs)
Prerequisite: MUSI 102. Limited to SPED, ELED, and music teaching majors and minors.
Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 315 Piano Pedagogy (3 crs)
Prerequisite: Junior standing as a music major/minor.
Consent: Instructor Consent Required
Survey problems of individual and class instruction, learning methods, in-depth study of piano method books and literature, the physiological basis of piano playing, sound business practices for the studio teacher, and a brief survey of historical schools of piano instruction.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 317 Sound Technology Principles (3 crs)
Consent: Instructor Consent Required
This course focuses on principles of live sound mixing and recording, including hands-on work in recording studios.

MUSI 318 Electronic Music for the Non-Professional (3 crs)
• Previous musical experience recommended.
An introduction to technology in music making from the late nineteenth century to the present. Topics including recording, sampling, editing, synthesis, MIDI, and computers as compositional and song-writing tools. Projects in GarageBand and Logic.
Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 325 Orchestration (2 crs)
Prerequisite: MUSI 246
Range, transposition, playing characteristics, and practical use of the instruments.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 335 Counterpoint (2 crs)
Prerequisite: MUSI 246
This course covers instrumental counterpoint in two and three voices based on eighteenth-century techniques, and it includes a summary of the legacy of sixteenth-century vocal techniques.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 338 Jazz History and Analysis (3 crs)
Prerequisite: MUSI 147. Limited to any music degree major or minor program.
Technical survey of jazz history with music analysis.
Attributes: Cultural Diversity 3 cr.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
<table>
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</thead>
<tbody>
<tr>
<td>MUSI 339</td>
<td>Jazz Arranging</td>
<td>2 crs</td>
<td>Prerequisite: MUSI 246 and MUSI 247. Arranging for small and large ensembles in the jazz idiom.</td>
<td>2</td>
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<tr>
<td>MUSI 340</td>
<td>Music and Related Arts in PK-8 Education</td>
<td>3 crs</td>
<td>Prerequisite: ES 203. Limited to elementary education and special education majors. No credit if taken after MUSI 240.</td>
<td>3</td>
<td>0</td>
<td>Undergraduate/Graduate Offering</td>
<td>A-F Grades Only</td>
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</tr>
</tbody>
</table>
| MUSI 341    | Jazz Improvisation                               | 2 crs   | Consent: Instructor Consent Required  
- Ability to read music, knowledge of major scales, ability to perform on a musical instrument. | 2                        | 0               | GE IVA Humanities-Fine Arts        | -                            |        |                |
| MUSI 345    | Voice Pedagogy                                   | 3 crs   | Prerequisite: Four semesters of MUSI 153 and/or MUSI 353. Limited to music/voice majors and minors. Development of skills for teaching singing through the study of the vocal mechanism, processes of respiration, resonance, and articulation. Application of these skills in lesson work with college, high school and middle school singers. | 3                        | 0               | Undergraduate/Graduate Offering   | A-F Grades Only                |        |                |
| MUSI 347    | Singers' Diction: Italian and German             | 2 crs   | Study of Italian and German lyric diction. Designed primarily for singers. | 2                        | 0               | -                                 | -                            |        |                |
| MUSI 348    | Singers' Diction: English and French             | 2 crs   | Study of English and French lyric diction. Designed primarily for singers. | 2                        | 0               | -                                 | -                            |        |                |
| MUSI 350    | Conducting                                       | 2 crs   | Prerequisite: MUSI 246, MUSI 247 and completion of the Piano Proficiency Examination. A basic course in fundamental, practical skills of baton and rehearsal techniques for both instrumental and choral music. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 351    | Advanced Applied Music-Piano                     | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 352    | Advanced Applied Music-Organ                     | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 353    | Advanced Applied Music-Voice                     | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 354    | Advanced Applied Music-Violin                    | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 355    | Advanced Applied Music-Viola                     | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
| MUSI 356    | Advanced Applied Music-Cello                     | 1-4 crs | Consent: Instructor Consent Required  
Advanced repertoire, techniques, and performance. | 2                        | 0               | -                                 | No Auditors                   |        |                |
MUSI 357 Advanced Applied Music-Double Bass (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 358 Advanced Applied Music-Flute (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 359 Advanced Applied Music-Oboe (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 360 Advanced Applied Music-Clarinet (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 361 Advanced Applied Music-Bassoon (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 362 Advanced Applied Music-Saxophone (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 363 Advanced Applied Music-Trumpet/Cornet (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 364 Advanced Applied Music-French Horn (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 365 Advanced Applied Music-Trombone (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 366 Advanced Applied Music-Euphonium (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 367 Advanced Applied Music-Tuba (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 368 Advanced Applied Music-Cornet (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 369 Advanced Applied Music-Perkins (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 370 Advanced Applied Music-Composition (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 371 Advanced Applied Music-Harp (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 372 Advanced Applied Music-Harpsichord (1-4 crs)
Consent: Instructor Consent Required
Advanced repertoire, techniques, and performance.
Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 373 Advanced Applied Conducting (1-2 crs)
Prerequisite: MUSI 246, 247, 350
Advanced conducting and rehearsal technique, score study, and repertoire knowledge.
Repeat: Course may be repeated for a maximum of 6 credits
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<th>Grading Basis</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
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<tbody>
<tr>
<td>MUSI 378</td>
<td>Advanced Functional Piano (1 cr)</td>
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<td>Prerequisite: Two credits of MUSI 151. Consent: Instructor Consent Required</td>
<td>No Auditors</td>
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<td>Advanced sight-reading, transposition, harmonization, modulation, improvisation, lead-sheet realization, and accompaniment styles.</td>
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<td>Consent: Instructor Consent Required</td>
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<tr>
<td>MUSI 380</td>
<td>Symphony Band (1 cr)</td>
<td></td>
<td>Consent: Instructor Consent Required *Audition required.</td>
<td>No Auditors</td>
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<td></td>
<td>Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.</td>
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<td>Consent: Instructor Consent Required</td>
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<tr>
<td>MUSI 381</td>
<td>Wind Ensemble (1 cr)</td>
<td></td>
<td>Consent: Instructor Consent Required *Audition required.</td>
<td>A-F Grades Only</td>
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<tr>
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<td>Local concerts, annual concert tour and/or out-of-town appearances may be part of this course. Includes study and performances of major wind ensemble literature.</td>
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<td>Consent: Instructor Consent Required</td>
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<tr>
<td>MUSI 382</td>
<td>University Band (1 cr)</td>
<td></td>
<td>Consent: Instructor Consent Required *Audition required.</td>
<td>No Auditors</td>
<td>1</td>
<td>2</td>
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<td>Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.</td>
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<td>Consent: Instructor Consent Required</td>
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<tr>
<td>MUSI 384</td>
<td>University Orchestra (1 cr)</td>
<td></td>
<td>Consent: Instructor Consent Required *Audition required. Local and out-of-town appearances may be a part of this course.</td>
<td>A-F Grades Only</td>
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<td>Includes study and performance of major orchestral literature.</td>
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<td>Consent: Instructor Consent Required</td>
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<tr>
<td>MUSI 385</td>
<td>Summer Band (1 cr)</td>
<td></td>
<td>• No audition required.</td>
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<td>One performance is given during summer session.</td>
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<td>Consent: Instructor Consent Required *Audition required.</td>
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<tr>
<td>MUSI 386</td>
<td>Jazz Ensemble (1 cr)</td>
<td></td>
<td>• Audition required. Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.</td>
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<tr>
<td>MUSI 387</td>
<td>Wind Ensemble (1 cr)</td>
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<td>Consent: Instructor Consent Required *Audition required.</td>
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<td>Includes study and performances of major wind ensemble literature.</td>
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<td>Consent: Instructor Consent Required *Audition required.</td>
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<tr>
<td>MUSI 388</td>
<td>Concert Choir (1 cr)</td>
<td></td>
<td>• Audition required. Local concerts, an annual concert tour, and/or other out-of-town appearances are required.</td>
<td>A-F Grades Only</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>MUSI 389</td>
<td>Summer Choir (1 cr)</td>
<td></td>
<td>• No audition required.</td>
<td></td>
<td>1</td>
<td>2</td>
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<td></td>
<td>One performance is given during summer session.</td>
<td></td>
<td>Consent: Instructor Consent Required *Audition required.</td>
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<tr>
<td>MUSI 390</td>
<td>Symphonic Choir (1 cr)</td>
<td></td>
<td>• Audition required. A large choir which performs major choral works with orchestra. Off-campus performance may be required.</td>
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<td>2</td>
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<tr>
<td></td>
<td>Includes study and performance of major orchestral literature.</td>
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<td>Consent: Instructor Consent Required *Audition required.</td>
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</tbody>
</table>
MUSI 391 Men's Glee Club (The Statesmen) (1 cr)
Consent: Instructor Consent Required
- Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

MUSI 392 Women's Concert Chorale (1 cr)
Consent: Instructor Consent Required
- Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

MUSI 393 Women's Chorus (1 cr)
Consent: Instructor Consent Required
- Audition required--may not be taken by choral/vocal majors.

One performance is given at the end of the semester. Other local performances may be part of this course.

Attributes: Activity
Repeat: Course may be repeated for a maximum of 7 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 394 Choral Workshop Abroad (1-3 crs)
An international master class on Choral Conducting and Literature; will consist of in-depth lectures, discussions, and practicums on specific composers and their music. Designed for professional choral conductors, music teachers, instrumentalists, composers, and singers. Specific topics to be announced and published each summer.

Attributes: Activity, Undergraduate/Graduate Offering

MUSI 395 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 396 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 403 Score Study Seminar (2 crs)
This seminar focuses on the systematic method of score study with a purpose of developing own musical interpretation. Students will select and prepare an interpretation project and present results to class.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 404 Music History Seminar (3 crs)
Prerequisite: MUSI 305; Limited to music majors and minors. Credit may not be earned in both MUSI 404 and MUSI 405
Topics vary depending on interests of students and faculty and may be specific themes, styles, composers, or eras in history. Involves readings on the selected topic and preparation of a research project by each student.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 405 Music History Seminar (2 crs)
Prerequisite: MUSI 225, MUSI 303. Limited to music/music therapy majors and minors.
Topics will vary depending on interests of students and faculty. Topics may be specific themes, styles, composers, or eras in history. It will involve readings on the selected topic and preparation of a research project by each student.

Repeat: Course may be repeated for a maximum of 10 credits
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 407 Music Theory Seminar (2 crs)
Prerequisite: MUSI 248. Limited to music/music therapy majors and minors. Topics will vary depending on the interests of students and faculty. Students will develop a focused research project based on their interests, present preliminary results to the class, and write a final paper.

Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
**MUSI 421 Marching Band Procedures (2 crs)**
Prerequisite: MUSI 183. Limited to music education majors. Minimum junior standing.
Consent: Instructor Consent Required
A study of methods and techniques used in the administration and instruction of contemporary marching band. The course presents a specific system of conceiving, writing, and teaching marching band shows; and explores current technology.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

**MUSI 425 Jazz Ensemble Techniques (1-2 crs)**
Organization and selection of literature, rehearsal and interpretation techniques, arranging, and improvisation. Overview of the relationship to present-day curriculum and music education goals.
Attributes: Undergraduate/Graduate Offering

**MUSI 453 University Chamber Orchestra (1 cr)**
Lab/Studio Hours: 2
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1

**MUSI 455 String Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 456 Brass Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 457 Woodwind Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 458 Percussion Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 459 Jazz Combo (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated
Grading Basis: No Auditors

**MUSI 460 Contemporary Music Ensemble (1 cr)**
Prerequisite: Limited to music, theater, or dance majors or minors only.
Consent: Instructor Consent Required
Includes study and performances of contemporary compositions as well as 20th- and 21st-century repertoire and styles.
Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

**MUSI 461 Voice Ensemble (1 cr)**
Prerequisite: MUSI 353 or concurrent enrollment.
Consent: Instructor Consent Required
Preparation, interpretation and performance of duets, trios, quartets, and other repertoire composed for one solo voice per part; geared toward Bachelor of Music-Voice students.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

**MUSI 462 Chamber Choir (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 465 Vocal Jazz Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 468 Piano Ensemble (1 cr)**
Consent: Instructor Consent Required
Attributes: Activity
 Repeat: Course may be repeated for a maximum of 4 credits

**MUSI 470 Opera Literature (3 crs)**
Prerequisite: Minimum junior standing.
The historical and stylistic developments in opera from its beginnings to the present through examination of the operatic repertoire.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
MUSI 472 Voice Literature (3 crs)
Prerequisite: Minimum junior standing. The study of solo voice literature, its interpretation and stylistic development from the seventeenth century to the present. Attributes: Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

MUSI 476 Advanced Instrumental Techniques (1-3 crs)
Intensive study of performance techniques and pedagogy of a single instrument or family of instruments; includes the physical, psychological, and aesthetic aspects of performance, methodology and literature, equipment and maintenance. Attributes: Undergraduate/Graduate Offering Repeat: Course may be repeated

MUSI 477 17th-18th Century Performance Practice (3 crs)
Prerequisite: MUSI 227 and MUSI 229 or consent of instructor. Examination of authentic Baroque and Classical performance, using recordings, class performance, original editions, theorists, and modern scholarly writings. Emphasis on the eighteenth century. Attributes: Undergraduate/Graduate Offering Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

MUSI 478 Directing Practicum - Cabaret Productions (1 cr)
Consent: Instructor Consent Required
This course will include instruction in the areas of choral arranging, instrumental arranging, choreography, costuming, and rehearsal techniques in preparation for the annual music variety show. Attributes: Service-Learning, Full 30 Hours Repeat: Course may be repeated for a maximum of 3 credits Lecture/Discussion Hours: 1 Lab/Studio Hours: 0.5

MUSI 480 Opera/Music Theatre Workshop (1 cr)
Consent: Instructor Consent Required Development of performance abilities and technical skills necessary for production of opera and music theatre culminating in performance of operatic and/or music theatre repertoire. Repeat: Course may be repeated for a maximum of 9 credits Lecture/Discussion Hours: 1 Lab/Studio Hours: 3

MUSI 481 Piano Literature (3 crs)
Prerequisite: Junior standing as a music major/minor. Credit may not be earned in both MUSI 475/MUSI 675 and MUSI 481. Consent: Instructor Consent Required A study of the literature for solo piano from the Renaissance to the present. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

MUSI 490 Elementary Music Education Workshop (1-2 crs)
For elementary classroom teachers and music specialists. Designed to meet individual needs of workshop participants. Lectures and demonstrations of classroom materials, procedures, techniques, and publications. Attributes: Undergraduate/Graduate Offering Repeat: Course may be repeated

MUSI 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required Topics will vary according to interests of students and faculty. Focus is on aspects of music and music education not extensively covered in regular courses. Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section Repeat: Course may be repeated for a maximum of 9 credits

MUSI 492 Choral Workshop (1-2 crs)
Develops an understanding of vocal and conducting problems through the study, rehearsal, and performance of choral literature representative of specific historical periods. Specific topics to be announced and published annually. Attributes: Undergraduate/Graduate Offering Repeat: Course may be repeated for a maximum of 9 credits

MUSI 493 Jazz Arranging Workshop (2 crs)
Prerequisite: MUSI 141, MUSI 142, MUSI 146, MUSI 147. Instruction in techniques of arranging and scoring in jazz tradition and styles. Attributes: Undergraduate/Graduate Offering Lecture/Discussion Hours: 2 Lab/Studio Hours: 0

MUSI 494 Percussion Workshop (1-2 crs)
Prerequisite: MUSI 198 For instrumental music directors who need to improve their knowledge of percussion. Review and/or introduction of basic pedagogy and practical care of instruments. Attributes: Undergraduate/Graduate Offering

MUSI 495 Directed Studies-Pedagogy (Major Instrument) (1-3 crs)
Prerequisite: Two semesters applied 300-level courses. Minimum senior standing. Consent: Department Consent Required Required of B.M. instrumental majors.
Survey of techniques, practices, teaching problems, tone production, and interpretation of various age levels; teaching experience under faculty supervision. Repeat: Course may be repeated for a maximum of 9 credits
MUSI 496 Directed Studies-Literature (Major Instrument) (1-3 crs)
Prerequisite: Two semesters applied 300-level courses. Minimum senior standing.
Consent: Department Consent Required
  • Required of B.M. instrumental majors.

Survey of solo and ensemble literature; includes score analysis, research and critical listening.

Repeat: Course may be repeated for a maximum of 6 credits

MUSI 497 Senior Recital (1-2 crs)
Prerequisite: Minimum senior standing.
Consent: Instructor Consent Required
  • Half recital = 1 cr. Whole recital = 2 crs. Concurrent registration in appropriate applied area (courses MUSI 351-372).

Preparation and performance of public recital.
Attributes: Capstone Course
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: No Auditors

MUSI 498 Music Internship (1-3 crs)
  • Limited to music majors and minors and students enrolled in the Arts Administration Certificate and the Recording Arts Certificate programs.

Lab Hours: 0
Practical experience in a professional or community-based music, cultural, or educational organization or business. Students will extend knowledge and skills gained in prior courses.

Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors
Practicum Hours: 3

MUSI 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 509 Electronic Music (2 crs)
Consent: Instructor Consent Required
  • Cross-listed with MUSI 309. Credit may not be earned in both courses.

Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 513 Music in Early Childhood (2 crs)
  • Cross-listed with MUSI 313. Credit may not be earned in both courses.

Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 535 Counterpoint (2 crs)
  • Cross-listed with MUSI 335. Credit may not be earned in both courses.

This course covers instrumental counterpoint in two and three voices based on eighteenth-century techniques, and it includes a summary of the legacy of sixteenth-century vocal techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 540 Music and Related Arts in PK-8 Education (3 crs)
  • Cross-listed with MUSI 340. Credit may not be earned in both courses.
  Permission for graduate-level credit is via instructor approval.

Understanding and using content, function, and achievement of music and related arts (dance, theater, visual arts) as primary media for communication, inquiry, and engagement among students grades pre-K–8.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 545 Voice Pedagogy (3 crs)
  • Cross-listed with MUSI 345. Credit may not be earned in both courses.

Development of skills for teaching singing through the study of the vocal mechanism, processes of respiration, resonance, and articulation. Application of these skills in lesson work with college, high school and middle school singers.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 594 Choral Workshop Abroad (1-3 crs)
  • Cross-listed with MUSI 394.

An international master class on Choral Conducting and Literature; will consist of in-depth lectures, discussions, and practicums on specific composers and their music. Designed for professional choral conductors, music teachers, instrumentalists, composers, and singers. Specific topics to be announced and published each summer.

Grading Basis: No S/U Grade Option
MUSI 625 Jazz Ensemble Techniques (1-2 crs)
• Cross-listed with MUSI 425.
Organization and selection of literature, rehearsal and interpretation
techniques, arranging, and improvisation. Overview of the relationship to
present-day curriculum and music education goals.
Grading Basis: No S/U Grade Option

MUSI 670 Opera Literature (3 crs)
• Cross-listed with MUSI 470. Credit may not be earned in both courses.
The historical and stylistic developments in opera from its beginnings to the
present through examination of the operatic repertoire.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 672 Voice Literature (3 crs)
• Cross-listed with MUSI 472. Credit may not be earned in both courses.
The study of solo voice literature, its interpretation and stylistic development
from the seventeenth century to the present.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 676 Advanced Instrumental Techniques (1-3 crs)
• Cross-listed with MUSI 476.
Intensive study of performance techniques and pedagogy of a single
instrument or family of instruments; includes the physical, psychological, and
aesthetic aspects of performance, methodology and literature, equipment and
maintenance.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MUSI 677 17th-18th Century Performance Practice (3 crs)
• Cross-listed with MUSI 477. Credit may not be earned in both courses.
Examination of authentic Baroque and Classical performance, using recordings,
class performance, original editions, theorists, and modern scholarly writings.
Emphasis on the eighteenth century.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 690 Elementary Music Education Workshop (1-2 crs)
• Cross-listed with MUSI 490.
For elementary classroom teachers and music specialists. Designed to meet
individual needs of workshop participants. Lectures and demonstrations of
classroom materials, procedures, techniques, and publications.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MUSI 691 Special Topics (1-3 crs)
Consent: Instructor Consent Required
• Cross-listed with MUSI 491.
Topics will vary according to interests of students and faculty. Focus is on
aspects of music and music education not extensively covered in regular
courses.
Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

MUSI 692 Choral Workshop (1-2 crs)
• Cross-listed with MUSI 492.
Develops an understanding of vocal and conducting problems through the
study, rehearsal, and performance of choral literature representative of specific
historical periods. Specific topics to be announced and published annually.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

MUSI 693 Jazz Arranging Workshop (2 crs)
• Cross-listed with MUSI 493. Credit may not be earned in both courses.
Instruction in techniques of arranging and scoring in jazz tradition and styles.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 694 Percussion Workshop (1-2 crs)
• Cross-listed with MUSI 494.
For instrumental music directors who need to improve their knowledge of
percussion. Review and/or introduction of basic pedagogy and practical care of
instruments.
Grading Basis: No S/U Grade Option

MUSI 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Music Education (MUED)

MUED 211 Introduction to Music Education (1 cr)
Prerequisite: No credit if taken after MUSI 211. Minimum sophomore standing.
Co-enrollment with ES 212 required.
Introduces basic issues and principles of music teaching with an emphasis on
observation in classrooms, reflective thinking, comprehensive musicianship,
teaching standards, and music content standards.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1
MUED 300 Adaptive Music (2 crs)
Prerequisite: MUED 211
Structuring activities, adapting environments for students with special needs (exceptionalities), using techniques, adaptive instruments, academic and technology resources. Lab day with focus on guitar applications and improvisational structures. Field experiences include observation and teacher assisting for approximately 10 hours.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

MUED 310 Principles, Practices, and Practicum in General Music PreK-5 (2 crs)
Prerequisite: Successful completion of MUED 211 or MUSI 211, and completion of the Piano Proficiency Examination.
Consent: Instructor Consent Required
Pedagogical focus on musical concepts, current and emerging instructional models, methods, materials, and strategies for designing and assessing developmentally appropriate learning experiences for pre-K--5 music classes. Includes observation and teaching in public schools for approximately 10 - 12 hours with emphasis upon teacher standards and reflective practice.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

MUED 318 Music as Content in Schools (2 crs)
Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. Must be taken with ES 312.
Addresses philosophy of music education, curriculum development, lesson and unit planning, assessment, and management of music classrooms. Includes field experience in which student will experience teaching under the discretion of a cooperating teacher.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

MUED 400 Choral Literature and Conducting (3 crs)
Prerequisite: Grade of C or above in MUSI 350. Limited to music education majors.
Explores choral literature, performance practice, and conducting techniques. Emphasis is placed on artistic interpretation of traditional, contemporary, and ethnic choral music and the communication of interpretation through gesture.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

MUED 401 Instrumental Literature and Conducting (3 crs)
Prerequisite: Grade of C or above in MUSI 350. Limited to music education majors.
Explores instrumental literature, performance practice, and conducting techniques. Emphasis is placed on artistic interpretation of traditional and contemporary instrumental music and the communication of interpretation through gesture.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

MUED 410 Secondary Choral Teaching Methods (3 crs)
Prerequisite: MUED 211 and MUSI 350.
Focuses on instructional models, methods, materials, and strategies for teaching and assessing musical concepts in school choral performance ensembles and classes. Emphasizes curricular development and classroom management based upon stages of development in students.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUED 411 Secondary Instrumental Teaching Methods (3 crs)
Prerequisite: MUED 211 and MUSI 350.
Focuses on instructional models, methods, materials, and strategies for teaching and assessing musical concepts in school instrumental performance ensembles and classes. Emphasizes curricular development and classroom management based upon stages of development in students.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUED 487 Student Teaching in Music (6-12 crs)
Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. No credit if taken after ES 441, ES 445 or ES 470.
Professional music teaching experience in the school under the supervision of a cooperating teacher in the school and related University music personnel. Students should follow school calendar where assigned.
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 0
Field Practicum Hours: 6-12
MUED 488 Internship Teaching in Music (6-12 crs)
Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. No credit if taken after ES 441, ES 445 or ES 470.
Consent: Department Consent Required
Professional music teaching internship in the school under the supervision of a cooperating teacher in the school and related University music personnel. Students should follow school calendar where assigned.
Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 0
Field Practicum Hours: 6-12

MUED 491 Special Topics (1-3 crs)
Consent: Instructor Consent Required
Topics will vary according to interests of students and faculty. Focus is on aspects of music education not extensively covered in regular courses.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits

MUED 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
An intensive study in music education of particular interest to the student.
Repeat: Course may be repeated

MUED 691 Special Topics (1-3 crs)
Consent: Instructor Consent Required
Cross-listed with MUED 491.
Topics will vary according to interests of students and faculty. Focus is on aspects of music education not extensively covered in regular courses.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

Nursing (NRSG)
NRSG 101 Cultural Bridge I (1 cr)
Enrollment in IHS grant project.
Provides an opportunity for students from cultures not widely represented at UW-Eau Claire to develop a beginning familiarity with the College of Nursing and Health Sciences and the University. Assessment of academic skills and provision for financial aid procedures are included.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 102 Cultural Bridge II (1 cr)
Prerequisite: NRSG 101 with a grade of C or above or consent of instructor.
Continues the preparation of students from cultures not widely represented at UW-Eau Claire to enter the nursing major. Emphasis is on enhancing study skills, library skills, writing skills, and scientific reasoning skills.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 103 Cultural Bridge III (1 cr)
Prerequisite: NRSG 102 with a grade of C or above or consent of instructor.
Continues the preparation of students from cultures not widely represented at UW-Eau Claire to enter the nursing major. Emphasis is on continuing development of library skills and writing skills. Preparation for study of scientific field is included.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 105 Dilemmas of Knowledge in Nursing and Healthcare (1 cr)
Prerequisite: WRIT 116 or concurrent enrollment, or consent of instructor.
An introductory course on significant problems in nursing and healthcare. Explores ways that knowledge is discovered and used to describe and develop effective solutions.
Attributes: GE V University Wide
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 205 Integrating Knowledge for Improving Health (1 cr)
Prerequisite: BIOL 214; BIOL 314 and PSYC 230 or concurrent enrollment.
Critical thinking and evidence-based practice approaches used to demonstrate how healthcare professionals analyze, integrate, and apply knowledge to challenges ranging from everyday health care practice to global health policy. Simulations and discussions are used.
Attributes: GE V University Wide
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 211 Wellness: Food for Fitness (1 cr)
Open to all majors.
Introduces nutrition standards and role of nutrients in health. Examines nutrition trends and food industry practices from a consumer’s perspective. Emphasizes understanding of personal nutrition and fitness in relation to wellness.
Attributes: Wellness Theory
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
NRSG 212 Navigating Health Care (1 cr)
- Open to all majors.

Emphasis on decision-making in wellness and health care. Includes advocacy for self and others. Consideration of values, financial aspects, effectiveness of choices in promoting wellness. Introduces health care providers and services.

Attributes: Wellness Theory
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 213 Body, Mind, Spirit Wellness (1 cr)
- Open to all majors.

Emphasis on an integrated approach to personal wellness, including the body-mind-spirit relationships. Consideration is given to culture, gender, and socioeconomic perspectives and how treatment modalities and health procedures are applied to personal wellness.

Attributes: Wellness Theory
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 220 The Language of Health Care (1 cr)
- Open to all majors.

The study of specialized language and terminology used by health care professionals. The study of roots, word elements, word formation, and analyses.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 225 Introduction to Public Health (3 crs)
- Wellness for one credit. Credit may not be earned in both ENPH 225 and NRSG 225.

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socioeconomic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 245 Pharmacology for Nursing Practice (3 crs)
Prerequisite: CHEM 150 with a grade of C or above or equivalent, or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Introduces concepts of pharmacologic therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 246 Nursing: Pharmacology in Nursing Practice I (1 cr)
Prerequisite: Limited to admitted Accelerated BSN students only.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Introduces concepts of pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 247 Nursing: Pharmacology in Nursing Practice II (1 cr)
Prerequisite: NRSG 246 with a C or above. Limited to admitted Accelerated BSN students only.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Continues development of knowledge about pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0
NRSG 249 Normal and Therapeutic Nutrition in Nursing Practice (2 crs)
Prerequisite: CHEM 150 with a grade of C or above or equivalent or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Examines role of human nutrition for population health promotion and as therapy for management of altered physiologic states. Addresses sociopolitical, cultural, spiritual, religious, and food quality and safety aspects of nutrition.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 255 Interdisciplinary Studies in Health and Health Care (1-3 crs)
• No credit if taken after HNRS 105 with the same title.
Will vary depending upon the specific course being offered.
Attributes: GE V University Wide
Repeat: Course may be repeated for a maximum of 6 credits

NRSG 257 Foundations of Professional Nursing Practice (4 crs)
Prerequisite: PSYC 230 with a grade of C or above or concurrent enrollment. MATH 245 or MATH 246 or PSYC 265 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.
Explores caring, holistic aspects of nursing along a historical timeline. Concepts include nursing process, communication, advocacy, licensure, scope of practice, ethics, research, theory, quality, safety, and evidence-based practice. Introduces interdisciplinary collaboration and documentation.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 265 Women's Health Issues (3 crs)
• Credit may not be earned in both NRSG 265 and WGSS 265. Open to all majors.
Explores a wide range of women's health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women's health.
Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 267 Practicum: Foundational Skills for Nursing Practice (3 crs)
Prerequisite: BIOL 250 with a grade of C or above; BIOL 314 with a grade of C or above or equivalent; NRSG 245 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.
Introduces nursing process, communication, and teamwork in the context of caring and advocacy. Includes skill development in health assessment and interventions including patient teaching, integrative therapies, and medication administration. Campus and clinical laboratory.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 6

NRSG 270 Scientific Concepts for Nursing (3 crs)
Consent: Instructor Consent Required
Focuses on application of various scientific concepts as they specifically relate to nursing practice. Content arranged to coordinate with body systems and functions.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 295 Directed Studies (1-3 crs)
Consent: Instructor Consent Required
Study of problems or special areas in or related to nursing.
Repeat: Course may be repeated for a maximum of 6 credits

NRSG 297 Teaching Apprenticeship (1-3 crs)
Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above. Consent: Department Consent Required
Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.
Repeat: Course may be repeated for a maximum of 6 credits

NRSG 299 Independent Study (1-3 crs)
Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum sophomore standing. Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
NRSG 300 Travelers' Health (1 cr)
Encompasses pre-travel preparations to post-travel considerations for travel to developing and industrialized countries. Covers commonly encountered illnesses, prevention, and treatments. Empowers learners to be prepared, self-reliant, healthy, and globally-, culturally- and environmentally-aware travelers.
Attributes: Wellness Theory
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 303 Foundations of Professional Nursing and Nursing Practice (7 crs)
Prerequisite: Limited to students admitted to the Accelerated BSN program. Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Introduces and applies concepts of caring, advocacy, therapeutic communication, clinical decision-making, health history, physical assessment, group process, documentation, and teaching/learning from a nursing perspective.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 9

NRSG 304 Wound Care Associate (1 cr)
Prerequisite: Limited to BSN majors. (Prerequisite not applicable for RNs from the community.) Consent: Department Consent Required
- Registration restricted to Registered Nurses and BSN students. Must be simultaneously registered for the Wound Care Associate course with UW-Eau Claire Continuing Education. No credit toward BSN degree at UW-Eau Claire.

Introduction to basic principles of skin injury prevention, wound assessment, and wound care. Focuses on collaborative care for patients with acute and chronic wounds. Didactic and clinical skill components.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

NRSG 317 Practicum: Advanced Skills for Nursing Practice (4 crs)
Prerequisite: NRSG 267 with a grade of C or above. Limited to nursing students admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Focuses on developing advanced nursing skills within the context of holistic practice. Emphasizes underlying theory. Practicum incorporates clinical reasoning, ethical practice, and implementation of advanced skills with an adult population. Campus and clinical laboratory.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 6

NRSG 325 Human Concepts and Responses to Health and Health Deviations I (5 crs)
Prerequisite: Limited to students admitted to the Accelerated BSN program. Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Clinical decision-making related to care of adult health and health deviations. Focuses on selected nursing skills. Emerging and conventional independent and interdependent health enhancing interventions examined.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

NRSG 327 Nursing Leadership and Systems I (3 crs)
Prerequisite: NRSG 257 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Examines national healthcare systems and models of care, healthcare financing and regulation, collaboration, conflict management, leadership, delegation, and organizational cultures, models and theories.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 333 Wellness in the Work World (3 crs)
Emphasis is on wellness in the work environment. Theories, research, and outcomes of wellness in the work environment are explored and students participate in an experiential wellness plan within an identified work environment.
Attributes: Wellness Theory, GE V University Wide, Service-Learning, Half 15 Hours
Lecture/Discussion Hours: 2
Lab/Studio Hours: 3

NRSG 337 Nursing Care of Adults and Older Adults I (3 crs)
Prerequisite: NRSG 317 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Focuses on nursing care of adults/older adults with application of evidence-based practice and nursing process for select acute and chronic conditions.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
NRSG 340 Introduction to Professional Nursing (2 crs)
Prerequisite: Limited to students admitted to the Accelerated BSN program. Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Introduction to the professional discipline of nursing, including nursing’s historical evolution. Ethical decision-making and standards of care and practice are emphasized. Nursing, theory, research, and evidence-based practice are introduced.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 347 Psychiatric and Mental Health Nursing (2 crs)
Prerequisite: NRSG 337 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Introduces basic concepts of psychiatric mental health nursing. Focus is on theory- and evidence-based mental health promotion for at-risk populations and nursing care of people diagnosed with mental illnesses.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 357 Nursing Care of Adults and Older Adults II (4 crs)
Prerequisite: NRSG 347 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Continued examination of nursing care of adults and older adults with application of evidence-based practice and nursing process for select acute and chronic conditions.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 359 Practicum: Nursing Care of Adults and Older Adults (2 crs)
Prerequisite: NRSG 357 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Focuses on use of the nursing process to give holistic theory- and evidence-based care to acutely ill adult and older adult patients and their families. Emphasizes therapeutic communication, intraprofessional collaboration, and clinical reasoning. Clinical laboratory.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

NRSG 360 Death and Bereavement (3 crs)
Prerequisite: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.
- Credit may not be earned in both NRSG/SW 360.

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.

Attributes: Wellness Theory, GE V University Wide, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 367 Community and Public Health Nursing (3 crs)
Prerequisite: NRSG 327 with a grade of C or above; NRSG 357 concurrent.
Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Expands on population-focused and public health nursing practice with populations at risk and local and global communities as a whole. Key concepts include epidemiology, health promotion, disease prevention, risk reduction, harm reduction, and evidence-based practice.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 375 Pharmacotherapeutics and Pathophysiology for Allied Health Professionals (3 crs)
Prerequisite: KINS 304 and KINS 308 or BIOL 214 and BIOL 314.
- No credit toward nursing major.

This course provides a basic understanding of disease processes and basic pharmacology for allied health professionals. Common medical and nonmedical management will be introduced from a consumer perspective. Collaboration with the client and other health care professionals in optimizing the client's health will be integrated throughout the course.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 376 Nursing Care of Women, Infants, and Families (3 crs)
Prerequisite: NRSG 367 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Distance education fee for students in Marshfield section.

Examines evidence-based nursing care with individuals and families experiencing pregnancy, birth, and care of the newborn. Examines human responses from theoretical and cultural perspectives. Health promotion and illness prevention are emphasized.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
NRSG 377 International Dimensions of Health Care (3 crs)
Prerequisite: NRSG 212
• Open to all majors.
Explores health care delivery systems in selected foreign countries as compared to the United States. Examines the cultural, social, political, economic, and environmental factors influencing the development of these systems. May involve international immersion.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 385 Men's Health Issues (3 crs)
• Open to all majors.
Explores historical, societal, and cultural influences on the prevalent constructions of masculinity and men's health. Examines health promotion, and disease prevention for the male health consumer.
Attributes: Wellness Theory, GE V University Wide, LE-I1 Integration, LE-K2 Social Sciences
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 389 Cross Cultural Health (3 crs)
Prerequisite: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor. Open to all majors.
Enhances insight and understanding of the impact of culture on health, illness, and wellness within the Black/African American, Hispanic/Latino, Asian/Hmong, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.
Attributes: Cultural Diversity 3 cr., LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 395 Directed Studies (1-3 crs)
Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Consent: Department Consent Required
Study of problems or special areas in or related to nursing.
Repeat: Course may be repeated

NRSG 397 Teaching Apprenticeship (1-2 crs)
Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above.
Consent: Department Consent Required
• Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above.
Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.
Repeat: Course may be repeated for a maximum of 4 credits

NRSG 399 Independent Study (1-3 crs)
Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum junior standing. Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

NRSG 416 Health Care Systems as Context for Professional Practice I (2 crs)
Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
• Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

The health care system as context for professional nursing practice is emphasized. Leadership, followership, organizational structures, group dynamics, team membership, and delegation are explored. Focus on research appraisal as foundation for evidence-based practice.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 417 Health Care Systems as Context for Professional Practice II (4 crs)
Prerequisite: NRSG 416 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
• Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Examines the impact of economic, political, and societal forces, and diversity on health care systems and professional practice. Management functions and skills in inter-collegial communication are emphasized. Nursing informatics is introduced. Explores self as professional.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 424 Nursing Leadership and Systems II (3 crs)
Prerequisite: NRSG 367 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.
Examines role of nursing professional in influencing and developing policy within systems at the unit, local, state, national, and global levels. Key concepts include change, power, management, managerial ethics, quality improvement, safety, informatics, and technology.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
NRSG 425 Nursing Care of Children, Adolescents, Expanding Families, Families, and Communities (7 crs)
Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Course emphasizes principles of health promotion, illness prevention, and epidemiology in relation to care of children, adolescents, expanding families, families, and communities. Selected political, legal, economic, cultural, spiritual, and biopsychosocial issues are examined.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 7
Lab/Studio Hours: 0

NRSG 426 Contemporary Issues in Critical Care (3 crs)
Prerequisite: NRSG 359 with a grade of C or above or consent of instructor.
- Distance education fee for students in Marshfield section.
The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiologic, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.
Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 427 Nursing Practice: Children, Adolescents, Expanding Families, Families, and Communities (2 crs)
Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Focuses on nursing clinical decision-making process and application of knowledge of health promotion and illness prevention while caring for children, adolescents, expanding families, families, and communities.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

NRSG 428 Practicum: Nursing Leadership I (3 crs)
Prerequisite: NRSG 424 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
- Field trips may be required.
Applies quality and safety concepts; advocates for elimination of health disparities; and demonstrates leadership, team building, and collaborative strategies to promote and maintain health at the systems level. Clinical laboratory in community settings.
Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 9

NRSG 429 Nursing: Human Concepts and Responses to Health and Health Deviations II (6 crs)
Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Evidence-based clinical decision-making related to holistic care of adult clients within the context of families and communities. Health patterning concepts, pathophysiology, pharmacotherapeutics, and nutrition are emphasized in the context of professional nursing care.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 6
Lab/Studio Hours: 0

NRSG 431 Nursing Practice: Human Concepts and Responses to Health and Health Deviations II (3 crs)
Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
- Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Focus on clinical decision-making and application of theory and research. Emphasis on holistic professional nursing care of acutely ill adults within the context of families and community. Clinical laboratory.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 9
NRSG 437 Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations (2 crs)
Prerequisite: NRSG 425 and NRSG 427 both with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
  • Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Focuses on relationships between nursing practice and issues surrounding families and children experiencing complex or high-risk health deviations. Theory of community needs assessment and related interventions are included.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 439 Nursing Practice: Families, Newborns, Children, and Adolescents with Health Deviations (2 crs)
Prerequisite: NRSG 425 and NRSG 427 both with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
  • Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Develop clinical competence in the care of families, high-risk newborns, children and adolescents experiencing a complex or high-risk health deviation. Integrate community needs assessment and related interventions into plans for a community.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

NRSG 445 Nursing and Nursing Practice: Responses to Chronic Illness, Disability, and End of Life Transitions (6 crs)
Prerequisite: NRSG 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
  • Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.
Analysis, evaluation, and synthesis of theory, research, and clinical decision-making. Nursing care of adults with chronic health deviations, disability, and end-of-life transitions. Attention to holistic, evidence-based, culturally sensitive care with family as context.
Attributes: Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 6

NRSG 446 Nursing Care of Children and Families (4 crs)
Prerequisite: NRSG 367, NRSG 376 both with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.
  • Distance education fee for students in Marshfield section.
Examines evidence-based nursing practice with children and families experiencing acute and chronic illness. Key concepts include growth and development, health promotion, safety, quality, family-centered care, physiological, psychological, and socioeconomic factors, diversity, and ethical dilemmas.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 447 Practicum: Nursing Care of Individuals, Infants, Children, and Families (2 crs)
Prerequisite: NRSG 446 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
  • Field trips may be required.
This clinical course focuses on professional nursing practice in caring for individuals, infants, children, and families. Application of evidence-based practice and the nursing process will be applied using health promotion, acute, and/or chronic illness situations.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

NRSG 448 Comparative Study in Nursing and Health Care (3-4 crs)
Prerequisite: NRSG 327 with a grade of C or above or consent of instructor. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Consent: Instructor Consent Required
A study of human beings, their health problems, and the roles of providers and consumers in the health care system of another country.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 450 Health Care in Rural Areas (3 crs)
Prerequisite: Minimum senior standing.
Consent: Instructor Consent Required
  • Open to all majors in COEHS and CONHS, in professional program, or consent of instructor.
Introduction to the professional and personal opportunities inherent in rural health care practice. Clinical laboratory.
Attributes: Service-Learning, Full 30 Hours
Lecture/Discussion Hours: 1
Lab/Studio Hours: 6
NRSG 454 NCLEX Review Course (2 crs)
Consent: Instructor Consent Required
• Distance education fee for students in Marshfield section.

Course assists students to complete comprehensive review of key domains of nursing and nursing practice content. Includes nursing content, test-taking strategies, test question practice, and application of test-taking anxiety reduction strategies.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 455 Advanced Interdisciplinary Studies in Health and Health Care (1-3 crs)
Prerequisite: Minimum junior standing.
• No credit if taken after the same course with the same topic/title.

Will vary depending upon the specific course being offered.

Attributes: GE V University Wide
Repeat: Course may be repeated for a maximum of 6 credits

NRSG 457 Nursing Care of Chronically Ill Patients and Their Families (3 crs)
Prerequisite: NRSG 446 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.

Focuses on holistic nursing care of patients and families experiencing chronic conditions. Key concepts include healthy adaptation to chronic illness, self-management, disability, frailty, loss and grief, end-of-life care, family caregiving, and evidence-based practice.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 458 Contemporary Issues in Professional Nursing (2 crs)
Prerequisite: NRSG 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
• Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Contemporary issues in professional nursing are examined using critical thinking and focusing on professional role development. Health care needs in a global society and interactions within complex, collaborative health care systems are emphasized.

Attributes: Capstone Course, Field Trip(s) Required, Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 460 Transition to Professional Nursing Practice (8 crs)
Prerequisite: NRSG 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.
Consent: Department Consent Required
• Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.

Clinical decision-making, leadership and research utilization are integrated with management of multiple patients requiring complex care. Discussion and reflection focus on collaborative relationships within health care systems. Transition to professional nursing practice is emphasized.

Attributes: Capstone Course, Accelerated Nursing Program, Higher Cost Per Credit
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 12

NRSG 467 Seminar: Innovative Solutions to Complex Healthcare Problems (2 crs)
Prerequisite: NRSG 424, NRSG 428 both with a grade of C or above; NRSG 477 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.

Focuses on designing effective systems approaches to meet needs of diverse populations with complex healthcare problems and ethical issues. Emphasizes critical and creative thinking, clinical reasoning, problem solving, collaboration, leadership, and ethical practice. Seminar.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 2

NRSG 477 Practicum: Nursing Leadership II (4 crs)
Prerequisite: NRSG 424 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Focuses on achieving beginning competence in professional nursing practice. Integrates liberal education, leadership, scholarship, and professionalism with clinical reasoning, caseload management, organizational quality improvement, and reflective practice. Clinical laboratory in acute settings.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 12
NRSG 487 Transition to Professional Nursing Practice (3 crs)
Prerequisite: NRSG 477 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
• Distance education fee for students in Marshfield section.
Addresses issues and strategies to launch and maintain a successful professional nursing career.
Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 495 Directed Studies (1-3 crs)
Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences.
Consent: Department Consent Required
Study of problems or special areas in or related to nursing.
Repeat: Course may be repeated

NRSG 497 Teaching Apprenticeship (1-3 crs)
Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above. Consent: Department Consent Required
Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.
Repeat: Course may be repeated for a maximum of 6 credits

NRSG 499 Independent Study (1-3 crs)
Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

NRSG 589 Cross Cultural Health (3 crs)
Prerequisite: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor.
• Cross-listed with NRSG 389. Credit may not be earned in both courses.
Enhances insight and understanding of the impact of culture on health, illness, and wellness within the Black/African American, Hispanic/Latino, Asian/Hmong, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 626 Contemporary Issues in Critical Care (3 crs)
Consent: Instructor Consent Required
• Distance education fee for students in Marshfield section. Cross-listed with NRSG 426. Credit may not be earned in both courses.
The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiologic, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 701 Nursing Research: Methods (4 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs.
• Distance education fee for Marshfield students.
Philosophies of science, research methodologies, and qualitative and quantitative data analyses are examined. Legal and ethical issues applicable to nursing research are discussed.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 702 Nursing Research: Application (2 crs)
Prerequisite: NRSG 701. Limited to graduate students in the MSN program.
Nursing research studies critically examined. Collective findings appraised as foundation for evidence-based practice. Sources and methods of research funding are discussed.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 703 Advanced Clinical Concepts for Nurse Educators (3 crs)
Prerequisite: NRSG 709. Limited to graduate students in the MSN program.
Examination of key concepts of epidemiology, pharmacology, and physical assessment at the advanced professional nursing level for MSN students seeking the Nursing Education role preparation.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 704 Advanced Health Assessment: Adults and Older Adults (2 crs)
Prerequisite: NRSG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.
Focuses on the development of advanced clinical practice assessment skills.
Builds upon basic physical assessment and documentation skills in the management of adults and older adults. Lab included.
Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 2.5
NRSG 705 Cultural Immersion Seminar: International Health (2 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs.
Consent: Department Consent Required
Immersion in language, cultural values, social etiquette, interpersonal and family patterns, teacher-student interaction, and daily life in a country of choice, as preparation for study, clinical experiences, or web-based interaction in another country.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 708 Advanced Health Assessment: Family (2 crs)
Prerequisite: NRSG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.
Focuses on the development of advanced clinical practice assessment skills. Builds upon basic physical assessment and documentation skills in the management of individuals across the life span. Lab included.
Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 2.5

NRSG 709 Advanced Physiological and Pathophysiological Concepts (3 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs.
• Undergraduate coursework in anatomy, physiology, biochemistry, and pathophysiology, or consent of instructor.
In-depth study of selected physiological and pathophysiological concepts. Emphasis on human physiology and pathophysiology and current research findings.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 712 Pharmacotherapeutics for Advanced Clinical Practice (3 crs)
Prerequisite: NRSG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs. Emphasis is on scientific and theoretical knowledge as the basis for diagnosing and treating common health conditions, emphasizing pharmacotherapeutic interventions and decision-making for advanced clinical practice. Developmental factors affecting pharmacotherapeutics are included.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 714 Scholarly Writing in Nursing (2 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs. Application of writing principles to explore nursing content at the graduate level. Focus includes summarizing professional literature, with emphasis on synthesis. Paper organization, grammar, and APA format. Examines process of writing for publication.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 715 Leadership and Health Policy in Nursing (3 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs. Leadership application for the graduate-prepared nurse with an analysis of external and internal influences. Examination of health policy, personal and professional transitions, and evolving advanced nursing roles.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 718 Conceptual and Theoretical Foundations of Nursing (2 crs)
Prerequisite: Limited to graduate students in the MSN program. The basic philosophies, concepts and theories, and ethical decision-making frameworks underlying the development of the discipline of nursing are examined. Emphasis is focused on the development of nursing knowledge.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 719 Human Responses in Health and Illness: Adults and Older Adults (4 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs.
• Credit may not be earned in both NRSG 719 and NRSG 722.
A theory- and research-based approach to selected human responses in health and illness in adults and older adults within seven human response systems (spiritual, cultural, social, family, cognitive, emotional, and physical).
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 720 Advanced Theory and Practice of Adults and Older Adults I (4 crs)
Prerequisite: NRSG 701 and NRSG 719. Limited to graduate students in the MSN or DNP programs. Clinical decision-making with adults and older adults within the context of nursing, adult, older adult, developmental, and related theories.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSG 722</td>
<td>Individual, Family, and Community Responses (4 crs)</td>
<td>4</td>
<td>Limited to graduate students in the MSN or DNP programs.</td>
<td>A theory-based approach to selected theories/concepts of individual, family, and community responses in health and illness. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 4 Lab/Studio Hours: 0</td>
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<tr>
<td>NRSG 725</td>
<td>Advanced Theory and Practice of Family Health Nursing I (4 crs)</td>
<td>4</td>
<td>NRSG 701 and NRSG 722. Limited to graduate students in the MSN or DNP programs.</td>
<td>Theory and evidence-based clinical decision-making with children, adults and families (as unit). This course integrates ethics, cultural influences, and social awareness in providing holistic care to families. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 4 Lab/Studio Hours: 0</td>
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<tr>
<td>NRSG 729</td>
<td>Spirituality, Healing, and Caring (3 crs)</td>
<td>3</td>
<td>Limited to graduate students in the MSN or DNP programs.</td>
<td>A theory-based advanced exploration of three major phenomena: spirituality, healing, and caring; emerging as decisive in quality of life, and health and illness situations. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 3 Lab/Studio Hours: 0</td>
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<tr>
<td>NRSG 730</td>
<td>Nursing Education I (6 crs)</td>
<td>6</td>
<td>NRSG 702, NRSG 703, NRSG 715; NRSG 720 or NRSG 725; or consent of instructor. Limited to graduate students in the MSN or DNP programs.</td>
<td>Examination of education, the educator role, and teaching/learning theory. Curriculum development and education issues explored, considering personal values, research, and societal and healthcare trends. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 3 Lab/Studio Hours: 15</td>
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<tr>
<td>NRSG 731</td>
<td>Nursing Education II (7 crs)</td>
<td>7</td>
<td>NRSG 730. Limited to graduate students in the MSN or DNP programs.</td>
<td>Role of nurse educator as a learning facilitator, evaluator, and faculty member is examined. Research, theoretical foundations, and strategies are explored with application to class and clinical teaching. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 3 Lab/Studio Hours: 20</td>
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<tr>
<td>NRSG 741</td>
<td>Clinical Nurse Specialist I: Adult and Older Adult Health (7 crs)</td>
<td>7</td>
<td>NRSG 704, NRSG 712, NRSG 720; NRSG 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program.</td>
<td>First clinical role course for students in advanced clinical practice preparing to become clinical nurse specialists. Exploration, analysis, and implementation of CNS role components with adults and older adults. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 4 Lab/Studio Hours: 15</td>
</tr>
<tr>
<td>NRSG 750</td>
<td>Nursing Administration I (6 crs)</td>
<td>6</td>
<td>NRSG 702, NRSG 715; NRSG 720 or NRSG 725 for MSN students. NRSG 715; NRSG 720 or NRSG 725; NRSG 803 or concurrent enrollment for BSN-to-DNP students. Or consent of instructor. Limited to graduate students in the MSN or DNP programs.</td>
<td>Exploration of administration and managerial theories and the nurse administrator role functions as applied to the organization and delivery of nursing care services. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 2-3 Lab/Studio Hours: 15-20</td>
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<tr>
<td>NRSG 751</td>
<td>Nursing Administration II (5-7 crs)</td>
<td>5-7</td>
<td>NRSG 750. Limited to graduate students in the MSN or DNP programs.</td>
<td>Application of administration and managerial principles and methods in selected nursing organizational settings and in the delivery of nursing care services. Grading Basis: No S/U Grade Option Lecture/Discussion Hours: 2-3 Lab/Studio Hours: 15-20</td>
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<tr>
<td>NRSG 793</td>
<td>Directed Study in Nursing (1-3 crs)</td>
<td>1-3</td>
<td>Limited to graduate students in the MSN or DNP programs.</td>
<td>Consent: Instructor Consent Required Investigation of a small-scale problem under faculty direction. Repeat: Course may be repeated for a maximum of 6 credits Grading Basis: No S/U Grade Option</td>
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<tr>
<td>NRSG 794</td>
<td>Scholarly Project (1-2 crs)</td>
<td>1-2</td>
<td>NRSG 701, NRSG 702; and NRSG 720 or NRSG 725. Limited to graduate students in the MSN program.</td>
<td>Consent: Instructor Consent Required Permission of scholarly project adviser. Selection and implementation of an aspect of the scholarship/research process with guidance from a nursing graduate faculty adviser. Project culminates in a product and an oral presentation. Repeat: Course may be repeated for a maximum of 2 credits Grading Basis: S/U/PR Only Grade Basis</td>
</tr>
</tbody>
</table>
NRSG 797 Independent Study (1-3 crs)
Prerequisite: Limited to graduate students in the MSN or DNP programs.
Consent: Department Consent Required
Individual research under faculty direction.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

NRSG 798 Graduation Only (1 cr)
Prerequisite: Limited to graduate students in the MSN program.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

NRSG 799 Thesis (1-3 crs)
Prerequisite: NRSG 701, NRSG 702; NRSG 720 or NRSG 725. Limited to graduate
students in the MSN program.
Consent: Instructor Consent Required
• Full-time equivalent. Permission of thesis adviser.
Development and completion of research project using formal investigative
methodology.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

NRSG 800 Advanced Nursing Practice and Informatics (2 crs)
Prerequisite: NRSG 803. Limited to Doctor of Nursing Practice (DNP) students.
• Students in the DNP program are assessed a special course fee for 800-level
courses. For specific course fees, please refer to the course schedule.
Application of computer and information technologies to support and improve
patient care and health care systems. Identification of information processing
challenges and evaluation of informatics solutions.
Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

NRSG 802 Philosophical, Theoretical, and Ethical Foundations for
Advanced Nursing Practice (3 crs)
Prerequisite: NRSG 720 or NRSG 725 or concurrent for BSN to DNP students.
Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
• Students in the DNP program are assessed a special course fee for 800-level
courses. For specific course fees, please refer to the course schedule.
Inquiry into the philosophical, theoretical, and ethical perspectives and
foundations of the discipline. Paradigms and strategies for theory development
in advanced practice nursing are examined. Includes advocacy for social justice
and ethical health policies.
Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 803 Advanced Epidemiology and Biostatistics for Population Health
(4 crs)
Prerequisite: NRSG 801. Limited to graduate students in the Doctor of Nursing
Practice (DNP) program. NRSG 720 or NRSG 725 in addition to the
aforementioned courses for students in the BSN to DNP program.
• Students in the DNP program are assessed a special course fee for 800-level
courses. For specific course fees, please refer to the course schedule.
Epidemiological research and concepts are synthesized and applied to clinical
and population-based health to best identify and analyze the determinants
of health, health promotion and risk reduction strategies, and to evaluate the
distribution of health conditions. Epidemiological, biostatistical, and other
scientific approaches are used to analyze population data to better understand
determinants of health and illness.
Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 805 Clinical Scholarship for Advanced Nursing Practice (4 crs)
Prerequisite: NRSG 800. Limited to graduate students in the Doctor of Nursing
Practice (DNP) program. For BSN to DNP students NRSG 702 is also required.
• Students in the DNP program are assessed a special course fee for 800-level
courses. For specific course fees, please refer to the course schedule.
Course focuses on the elements of advanced clinical scholarship. Content will
include evidence-based practice processes, the translation of research into
practice, the evaluation of practice, activities aimed at improving health care
practice and outcomes, and participation in collaborative research. Principles
of information technology will be integrated and applied to advance nursing
practice.
Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSG 809 Organizational Leadership and Health Policy for Advanced
Nursing Practice (4 crs)
Prerequisite: NRSG 805. BSN to DNP students: NRSG 816, NRSG 818, or
NRSG 751 in addition to NRSG 805. Limited to graduate students in the Doctor
of Nursing Practice (DNP) program.
• Graduate equivalent of health policy content. Students in the DNP program are
assessed a special course fee for 800-level courses. For specific course fees, please
refer to the course schedule.
Course will focus on the systematic collection of information about the
activities, characteristics, and outcomes of programs to improve health
care and inform future programmatic decisions. Emphasis is placed on the
strategies used in needs assessment and implementation of effective health
care interventions, programs, and policies. This course prepares the advanced
nursing professional to respond to current realities and provide enhanced
leadership for future policy development and professional practice.
Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0
NRSG 812 Advanced Clinical Practice for Adults and Older Adults I (7 crs)
Prerequisite: NRSG 704, NRSG 712, NRSG 720; NRSG 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSG 812 and NRSG 814.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for adults and older adults. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience in primary care is emphasized.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 15

NRSG 814 Family Health: Advanced Clinical Practice I (7 crs)
Prerequisite: NRSG 708, NRSG 712, and NRSG 725; NRSG 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSG 812 and NRSG 814.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for individuals and families. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience occurs in primary care settings.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 15

NRSG 816 Advanced Clinical Practice for Adults and Older Adults II (7 crs)
Prerequisite: NRSG 741 or NRSG 812; NRSG 805 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSG 816 and NRSG 818.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in adults, older adults, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 15

NRSG 818 Family Health: Advanced Clinical Practice II (7 crs)
Prerequisite: NRSG 814; NRSG 805 or concurrent enrollment. Limited to graduate students in the DNP programs. Credit may not be earned in both NRSG 816 and 818.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in individuals, families, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 15

NRSG 820 BSN to DNP Seminar & Practicum I (3 crs)
Prerequisite: NRSG 809. Limited to graduate students in the BSN to DNP program.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Focuses on inter-professional teams and the role of advanced nursing within this collaboration. Addresses critical analysis of emerging clinical patterns and comprehensive health and illness parameters. Includes application of culturally-sensitive, evidence-based practice approaches within healthcare.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lab/Studio Hours: 5
Seminar Hours: 2

NRSG 821 MSN to DNP Seminar & Practicum I (4 crs)
Prerequisite: NRSG 809; Limited to graduate students in the MSN to DNP program.

Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Focuses on inter-professional teams and the role of advanced nursing within this collaboration. Addresses critical analysis of emerging clinical patterns and comprehensive health and illness parameters. In-depth application of culturally-sensitive, evidence-based practice approaches within healthcare.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 10
NRSG 822 MSN to DNP Seminar & Practicum II (3 crs)
Prerequisite: NRSG 821. Limited to graduate students in the MSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Refine leadership skills to improve healthcare outcomes in the interprofessional healthcare environment. Design and analyze strategies to promote evidence-based practice, quality outcomes, and health policy. Synthesize knowledge and experiences as a DNP-prepared nurse expert.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 5

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NRSG 824 BSN to DNP Seminar II (1 cr)
Prerequisite: NRSG 820; NRSG 831 or NRSG 833 or NRSG 852 concurrent enrollment. Limited to graduate students in the BSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Emphasis on role transition to advanced professional nursing roles within a complex healthcare environment. Identify leadership skills to improve health care outcomes. Begin to synthesize knowledge and experiences as a future DNP prepared nurse.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 1

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NRSG 825 BSN to DNP Seminar III (1 cr)
Prerequisite: NRSG 824; NRSG 835 or NRSG 837 or NRSG 853 concurrent enrollment. Limited to graduate students in the BSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Final course in the sequence to emphasize role transition to advanced professional nursing roles within a complex healthcare environment, including planning for life-long learning. Synthesize knowledge and experiences as a future DNP prepared nurse.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 1

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NRSG 832 Synthesis of Advanced Clinical Practice of Adults and Older Adults I (1 cr)
Prerequisite: NRSG 831. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

This clinical practicum provides an opportunity for students to continue to develop clinical competencies and begin to synthesize care of adults and older adults.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 5

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NRSG 834 Synthesis of Advanced Clinical Practice of Families I (1 cr)
Prerequisite: NRSG 833. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

This clinical practicum provides an opportunity for students to continue to develop clinical competencies in the care of families and individuals across the lifespan.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 5

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NRSG 842 Advanced Clinical Practice of Frail Older Adults (3 crs)
Prerequisite: NRSG 816. Limited to graduate students in the DNP Program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Third in a series of advanced clinical decision-making courses. Course focuses on care management of frail older adults. Practicum experience with frail older adults across the continuum of care is emphasized.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10
NRSG 844 Advanced Clinical Practice of Families within Vulnerable Populations (3 crs)
Prerequisite: NRSG 818 or NRSG 748. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Third in a series of advanced clinical decision-making courses. Care management focuses on care of individuals and families within vulnerable populations across the lifespan. Practicum experience includes vulnerable populations across the continuum of care.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10

NRSG 846 Synthesis of Advanced Practice of Adults and Older Adults (3 crs)
Prerequisite: NRSG 842 or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

This final clinical practicum provides an opportunity for students to demonstrate a synthesis of their Adult-Gerontologic clinical competencies in preparation for their future practice as Adult-Gerontologic Advanced Practice Nurses.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10

NRSG 848 Synthesis of Advanced Practice Family (3 crs)
Prerequisite: NRSG 844 or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

This final clinical practicum provides an opportunity for students to demonstrate a synthesis of their Family clinical competencies in preparation for their future practice as Family Nurse Practitioners.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10

NRSG 850 Nursing Administration III (3 crs)
Prerequisite: NRSG 751. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

Course focuses on the development of more complex organizational leadership and management, with emphasis on strategic planning and relationship building with diverse stakeholders.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10

NRSG 851 Synthesis for the Nurse Executive (3 crs)
Prerequisite: NRSG 850. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

This final course and clinical practicum provides an opportunity for students to demonstrate advanced leadership and management through the synthesis of the roles of the nurse executive.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 10

NRSG 890 DNP Project I (2 crs)
Prerequisite: NRSG 809. BSN to DNP: NRSG 816 or NRSG 818 or NRSG 751 also required. Limited to graduate students in the DNP program.
• Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part one of culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student's prior experience and projected career goals. The project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lab/Studio Hours: 7.5
Seminar Hours: 0.5
NRSG 891 DNP Project II (3 crs)
Prerequisite: NRSG 890. Limited to graduate students in the DNP program.
- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part two of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student’s prior experience and projected career goals. The project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lab/Studio Hours: 7.5
Seminar Hours: 1.5

NRSG 892 DNP Project I (1 cr)
Prerequisite: NRSG 809 or concurrent; for BSN to DNP students concurrent enrollment in NRSG 815 or NRSG 817 or NRSG 751 is also required. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part one of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lab/Studio Hours: 0
Seminar Hours: 1

NRSG 893 DNP Project II (3 crs)
Prerequisite: NRSG 892. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part two of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lab/Studio Hours: 7.5
Seminar Hours: 1.5

NRSG 894 DNP Project III (3 crs)
Prerequisite: NRSG 893. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.
- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Part three of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required
Grading Basis: S/U Only Grade Basis
Lab/Studio Hours: 7.5
Seminar Hours: 1.5
Philosophy (PHIL)

PHIL 101 Introduction to Philosophy (3 crs)
An introduction to philosophy through exploration of philosophical problems
(e.g., the nature of knowledge, the nature of morality, free will, the rationality
of religious faith) or exploration of canonical texts (e.g., Plato's Republic,
Descartes' Meditations).
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 120 Ethical Reasoning (3 crs)
Prerequisite: No credit if taken after PHIL 220.
Prepares students to reason coherently, critically, and creatively about ethical
issues by analyzing arguments and positions on contemporary moral problems
in light of relevant concepts, distinctions, values, and theories.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities,
LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 150 Logic and Critical Thinking (3 crs)
Prerequisite: No credit if taken after PHIL 250.
Introduction to principles and methods of critical thinking, sound reasoning,
and argument evaluation. A combination of formal and informal techniques
will be used. Moral, legal, and scientific reasoning may be considered.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 200 What is Happiness? (3 crs)
Explores happiness though philosophical, religious, and psychological
approaches.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-I1 Integration,
LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 234 Classical Chinese Philosophy (3 crs)
An introduction to classical Chinese philosophy focusing on Confucian, Daoist,
Mohist, and Legalist traditions.
Attributes: LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 250 Symbolic Logic (3 crs)
Introduction to formal logic. Sentential logic, quantificational logic, and other
selected topics. Slightly more formal and covers more areas than Philosophy
150.
Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 291 Special Topics (1-3 crs)
Content to be determined by department on initiative of students and
faculty, on topics such as persons and movements in philosophy, ethnic and
comparative themes and interdisciplinary syntheses.

PHIL 301 Ethics in the Professions and the Community (3 crs)
Prerequisite: Limited to organizational leadership and communication
comprehensive major, Bachelor of Professional Studies degree.
A survey of major ethical theories and their applications in the professions and
in community affairs, including key ethical issues in medicine, law, business,
computing, and government.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities,
BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 305 Ethics and Business (3 crs)
Major theories of corporate responsibility and their relationships to the
personal and social dimensions of business life.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 306 Ethics of Health Care (3 crs)
Major ethical theories and their applications to personal and professional
dimensions of health care functions. Survey of ethical problems that arise in
health care situations through case studies.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/
Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 308 Ethics in Computing and Engineering (3 crs)
A topical introduction to ethical issues raised by computer technology and
engineering, with special attention to the professional ethics of software
engineering and computer organization and design. Combines theoretical
frameworks with case studies to develop competence in informed ethical
decision-making.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Attributes</th>
<th>Lecture/Discussion Hours</th>
<th>Lab/Studio Hours</th>
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</thead>
<tbody>
<tr>
<td>PHIL 310</td>
<td>Philosophy of Law (3 crs)</td>
<td></td>
<td>A philosophical investigation into the law’s nature and limits, with a focus on criminal law. Topics include legal liberalism, legal moralism, legal paternalism, self-defense, blackmail, legal positivism, natural law theory, punishment, rights, law and economics, and the duty to obey the law.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
<td>3</td>
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<tr>
<td>PHIL 316</td>
<td>Metaphysics (3 crs)</td>
<td></td>
<td>Prerequisite: One course in philosophy or consent of instructor.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
<td>3</td>
<td>0</td>
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<tr>
<td>PHIL 317</td>
<td>Epistemology (3 crs)</td>
<td></td>
<td>Prerequisite: One course in philosophy or consent of instructor.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
<td>3</td>
<td>0</td>
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<tr>
<td>PHIL 320</td>
<td>Environmental Ethics (3 crs)</td>
<td></td>
<td>Prerequisite: BIOL 180, or GEOG 178, or GEOL 115, or ECON 268; or one course in philosophy or consent of instructor. Introduces major theoretical approaches to ethical and policy questions concerning environmental issues such as population growth, famine, nonhuman animals, atmospheric conditions, hazardous waste, preservation of species, pollution, pesticides, and nuclear power.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R3 Civic and Environmental Issues</td>
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<tr>
<td>PHIL 322</td>
<td>Philosophy of Language (3 crs)</td>
<td></td>
<td>Prerequisite: At least one course in philosophy or ENGL 221 or consent of instructor. Philosophic investigation into the structure and function of language, with emphasis on discursive meaning.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
<td>3</td>
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<tr>
<td>PHIL 325</td>
<td>Aesthetics (3 crs)</td>
<td></td>
<td>Acquaints students with some of the more fruitful philosophic investigations concerning the creative process, the work of art, the relationship between art and society.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies, LE-K4 Fine Arts, LE-S3 Creativity</td>
<td>3</td>
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<tr>
<td>PHIL 328</td>
<td>Philosophy and Film (3 crs)</td>
<td></td>
<td>Prerequisite: One course in philosophy or consent of instructor.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
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<tr>
<td>PHIL 331</td>
<td>Philosophical Ethics (3 crs)</td>
<td></td>
<td>Prerequisite: One course in philosophy or consent of instructor.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities</td>
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<tr>
<td>PHIL 332</td>
<td>Philosophical Perspectives on Friendship (3 crs)</td>
<td></td>
<td>Prerequisite: One Philosophy course or consent of instructor An examination of philosophical thinking on the nature and value of friendship. Authors read include Plato, Aristotle, Seneca, Cicero, Aquinas, Montaigne, Bacon, Kierkegaard, Kant, and contemporary philosophical authors.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>PHIL 333</td>
<td>History of Ethics (3 crs)</td>
<td></td>
<td>Prerequisite: At least one course in philosophy or consent of the instructor. A study of ethical thought of philosophers from a historical era in philosophy, typically either ancient or modern. Authors studied include Plato, Aristotle, Seneca, Epicurus, Cicero; Hume, Shaftsbury, Hutcheson, Butler, Bentham, Price.</td>
<td>GE IVB Humanities-Philosophy/Religious Studies</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>
PHIL 334 Philosophical Perspectives on Forgiveness (3 crs)
Prerequisite: At least one course in philosophy or consent of the instructor.
A philosophical investigation of the nature and value of forgiveness. Is a disposition to forgiveness a virtue? Is forgiveness always good, or conditionally good? Are third-party and self-forgiveness coherent? Are certain acts unforgivable? Both classical, modern, and contemporary authors will be read.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 335 Early Modern Philosophy (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
The history of philosophy from Descartes to Hume. Examines proposals by leading philosophers regarding the foundations of scientific, moral, religious, and political beliefs.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 338 Modern European Philosophy I (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
Explores a pivotal era in European thought, starting with Kant’s revolutionary inversion of the subject-object relation. The development of the dialectical systems by his successors set the tone for the next two centuries of Continental philosophy.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 339 Modern European Philosophy II (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
Explores contemporary Continental European philosophy, especially that of Germany and France, from Husserl and Heidegger through Gadamer and Derrida. The movements of phenomenology, hermeneutics, deconstruction, and postmodernism will be emphasized.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 340 Knowledge and Reality (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
Explores the philosophy of the English-speaking world during the past century, from Frege and Wittgenstein through Davidson and Putnam. Emphasizes the movements of logical positivism, ordinary language analysis, and American pragmatism.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 343 Philosophy of Mind (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
The relation between the mind and the brain; the nature of consciousness; the philosophy of psychology and mental illness; artificial and animal intelligence; the nature of the emotions; free will and determinism.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 345 Philosophy of Religion (3 crs)
Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.
Credit may not be earned in both PHIL 345 and RELS 345.
Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 355 Philosophy of Science (3 crs)
Prerequisite: One course in biology, chemistry, geology, physics, physical geography; or one course in philosophy or consent of instructor.
The nature of scientific knowledge and progress; the structure of fundamental theories in physics and biology; the demarcation between science and pseudo-science; science and religion; science and gender; social and ethical implications of modern science.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 365 Existentialism (3 crs)
Prerequisite: One course in philosophy or consent of instructor.
Central ideas in existential thought. Leading existentialist thinkers including Nietzsche, Heidegger, Sartre, Camus, de Beauvoir, and the phenomenologist Husserl.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 377 Philosophy and Feminism (3 crs)
Prerequisite: One course in philosophy or women’s, gender, and sexuality studies.
Credit may not be earned in both PHIL 377 and WGSS 377.
A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PHIL 386 Philosophical Classics (1-3 crs)
Prerequisite: One course in philosophy or consent of instructor.
A close reading of one or more philosophical classics, chosen by theme or author. Texts vary from offering to offering.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Repeat: Course may be repeated for a maximum of 6 credits

PHIL 395 Directed Studies (1-3 crs)
Prerequisite: Minimum sophomore standing.
Consent: Department Consent Required
Recommended for non-majors.
Work with instructor on a specific philosophical issue, problem, or activity. Content of the course to be determined by the student and the instructor.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

PHIL 396 Research Apprenticeship in Philosophy (1-3 crs)
Prerequisite: One Philosophy course or consent of instructor
Consent: Department Consent Required
Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.
Repeat: Course may be repeated for a maximum of 6 credits

PHIL 397 Student Academic Apprenticeship in Philosophy (1-3 crs)
Prerequisite: Limited to philosophy majors and minors. Minimum junior standing.
Consent: Department Consent Required
Qualified students, selected and supervised by an instructor, assist teaching and learning in a course within the department while working closely with a faculty member.
Attributes: Service-Learning Optional Half
Repeat: Course may be repeated for a maximum of 6 credits

PHIL 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

PHIL 485 Seminar in Problems of Philosophy (3 crs)
Prerequisite: Limited to philosophy majors and minors. Minimum junior standing. Other majors and minors will be permitted with consent of instructor.
Advanced study of problems in philosophy of mind, meta-ethics, theory of knowledge, political and social philosophy, philosophy of logic, or history of philosophy. Content is variable and is determined by the instructor.
Attributes: LE-S3 Creativity
Repeat: Course may be repeated
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 498 Internship in Philosophy (1-3 crs)
Prerequisite: Limited to philosophy majors and minors. Minimum sophomore standing.
Consent: Department Consent Required
Assignment in an area of philosophy emphasizing practical experience in the applied professional aspects of the discipline. Students will work closely with an internship supervisor or faculty member engaged in professional or occupational projects in the field.
Attributes: Service-Learning, Half 15 Hours, Internship
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

PHIL 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

PHIL 545 Philosophy of Religion (3 crs)
Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.
• Cross-listed with PHIL 345 and RELS 345/RELS 545. Credit may only be earned in one of these courses.
Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with PHIL 395.
Work with instructor on a specific philosophical issue, problem, or activity. Content of the course to be determined by the student and the instructor. Recommended for non-majors.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

PHIL 597 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Physics (PHYS)

PHYS 100 Physical Science (4 crs)
Prerequisite: No credit if taken after PHYS 110, PHYS 111, PHYS 211 or PHYS 231.
A conceptual study of physics using ideas of force and energy to understand motion, properties of matter, sound, light, and electricity and magnetism.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PHYS 115 Survey of Astronomy (3 crs)
Prerequisite: No credit if taken after PHYS 226 or PHYS 229.
A one-semester presentation of our current understanding of the universe, including the solar system, birth and death of stars, unusual phenomena such as black holes and quasars, evolution of galaxies and the universe, and our link with the cosmos.

Attributes: GE IIE Natural Science-Physics, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 186 Introductory Seminar (0.5 crs)
Prerequisite: Limited to physics liberal arts majors.
Students will explore avenues for obtaining an internship, discuss plans for participating in the required research project, attend the weekly Physics Seminar, develop academic plans, and participate in postgraduate planning.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: .5
Lab/Studio Hours: 0

PHYS 205 Physics of Renewable Energy (4 crs)
Explores the basic physics principles behind various types of renewable energy sources. Discusses impact renewable energy sources have on mitigating global warming and climate change.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PHYS 211 General Physics (5 crs)
Prerequisite: No credit if taken after PHYS 231.
Fundamental principles of mechanics, heat, wave motion, and sound. Designed for students who desire a one-year non-calculus course in physics. Proficiency with algebraic and trigonometric operations is expected.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2

PHYS 212 General Physics (4 crs)
Prerequisite: PHYS 211. No credit if taken after PHYS 232.
A continuation of Physics 211 including topics in optics, electricity, magnetism, and modern physics.

Attributes: GE IIE Natural Science-Physics, Lab Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PHYS 226 Astronomy-Solar System (4 crs)
• Three years high school mathematics assumed prior to enrollment in this course. Some night observing required.
The physical nature of the solar system, including earth motions, celestial coordinates, time, telescopes, moon, planets, sun, and origin of solar system.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PHYS 229 Astronomy-Stars and Galaxies (4 crs)
• Three years high school mathematics assumed prior to enrollment in this course. PHYS 226 is not a prerequisite. Some night observing required.
The physical nature of the universe, including stellar evolution, multiple and variable stars, the Milky Way galaxy, other galaxies, and origin of the universe.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PHYS 231 University Physics I (5 crs)
Prerequisite: MATH 114 or concurrent enrollment.
Physics for science and engineering students, including the study of mechanics, simple harmonic motion, and wave motion.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2

PHYS 232 University Physics II (5 crs)
Prerequisite: PHYS 231; MATH 215 or concurrent enrollment
A continuation of Physics 231, including the study of electricity, magnetism, and optics.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab
Lecture/Discussion Hours: 4
Lab/Studio Hours: 2
PHYS 255 Statics (3 crs)
Prerequisite: PHYS 231; MATH 215 or concurrent registration.
Designed primarily for pre-engineering students. Includes static equilibrium of rigid bodies, centroids, analysis of structures, friction, and moments of inertia.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 291 Special Topics (1-3 crs)
Content will be determined by the interests of students and faculty. May contain lecture or lab.

PHYS 308 Science of Musical Sound (3 crs)
Physical concepts related to production of tones and speech. Application to musical instruments and auditorium acoustics, with experimental demonstrations of vibrational phenomena and electronic sound analysis and synthesis. No prior physics or university mathematics assumed.
Attributes: GE IIE Natural Science-Physics, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 315 The Mysterious Universe (3 crs)
A view of the world as revealed by contemporary physical thought. Topics include size and origin of universe, ultimate nature of matter; modern ideas of space, time and energy; possibilities of extraterrestrial life; and values and limitations of science.
Attributes: GE IIE Natural Science-Physics, LE-I1 Integration, LE-K1 Natural Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 332 University Physics III (3 crs)
Prerequisite: PHYS 232 and MATH 215.
Physics for science and engineering students, including the study of fluids, heat, thermodynamics, relativity, and an introduction to modern physics.
Attributes: LE-I1 Integration
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 333 Quantum Physics (3 crs)
Prerequisite: PHYS 332 and MATH 216.
Introduction to the experimental and theoretical basis of quantum physics, including particle aspects of radiation, matter waves, Bohr model of the atom, Schrödinger wave mechanics and its application to the hydrogen atom and multi-electron atoms.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 340 Optics (4 crs)
Prerequisite: PHYS 232 and MATH 215.
Lecture and laboratory work cover geometrical and physical optics, image formation, optical instruments, interference, diffraction, polarization, and modern topics including lasers.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 350 Electric and Electronic Circuits (4 crs)
Prerequisite: MATH 215 and grade of C or above in PHYS 232.
General introduction to electrical circuits and electronics including analysis of DC and AC circuits, simple passive filters, diodes, transistors, operational amplifiers, simple digital electronics, and circuit design and construction.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

PHYS 356 Dynamics (3 crs)
Prerequisite: MATH 215 and PHYS 255 (or MATH 255). No credit if taken after MATH 256. Credit may not be earned in both PHYS 356 and PHYS 365.
A continuation of Physics 255. Dynamics of rigid bodies, moments of inertia, work, energy, impulse, and momentum.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 360 Electronics (4 crs)
Prerequisite: PHYS 350 or consent of instructor.
Description, analysis, and laboratory measurements of digital and analog devices including transistor amplifiers, operational amplifiers, oscillators, gates, flip-flops, analog-digital converters, and microprocessors.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

PHYS 361 LabVIEW Basics (2 crs)
Prerequisite: PHYS 350 or concurrent enrollment.
Consent: Instructor Consent Required
• Field trip(s) optional.
Lecture and laboratory work cover an introduction to the graphical programming language LabVIEW. LabVIEW has been widely adopted as the industry standard for computerized data acquisition, analysis and instrument control.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
PHYS 362 LabVIEW Applications (2 crs)
Prerequisite: PHYS 361 LabVIEW Basics
Consent: Instructor Consent Required
    • Field trip(s) optional.
Lecture and laboratory exercises cover applications using the graphical programming language LabVIEW. Topics include advanced programming structures, CompactDAQ hardware, digital signal processing, motor control, encoders, PID process control, RS-232 instrument control, component testing, sensor monitoring.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PHYS 363 LabVIEW cRIO (1 cr)
Prerequisite: PHYS 362 LabVIEW Applications
Consent: Instructor Consent Required
Lecture and laboratory exercises cover the theory and application of the cRIO automation controller using the graphical programming language LabVIEW. Topics include Real-Time operating system, field programmable gate array (FPGA) and network shared variables.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

PHYS 365 Theoretical Mechanics (4 crs)
Prerequisite: MATH 216, and a grade of C or above in PHYS 231. Credit may not be earned in both PHYS 356 and PHYS 365.
Newton’s laws, accelerated frames, central-force orbits, angular momentum of systems, coupled oscillations, generalized coordinates, and Lagrange’s equations.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

PHYS 367 Astrophysics (3 crs)
Prerequisite: PHYS 332
Physics applied to astronomical objects. The birth, structure, and evolution of stars are studied in detail. Nebulae, the interstellar medium, and stellar remnants are also investigated.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 374 Physics of Solids (4 crs)
Prerequisite: PHYS 332 or MSE 350.
    • Credit may not be earned in both MSE 374 and PHYS 374.
A description of the behaviors of crystalline solids. Topics include crystallography, diffraction, and the electrical, optical and magnetic properties of materials. Semiconducting materials and devices will also be discussed.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

PHYS 375 Electromagnetic Fields (4 crs)
Prerequisite: PHYS 332, MATH 216, and MATH 311 or MATH 312.
Electric and magnetic fields, dielectric and magnetic properties of materials, and electromagnetic phenomena. Field theory leading to the development of Maxwell’s equations and the plane electromagnetic wave.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

PHYS 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

PHYS 430 Advanced Laboratory Techniques (2 crs)
Prerequisite: Two courses from PHYS 340, PHYS 350, PHYS 360.
Laboratory course for students with special interests in experimental physics. The emphasis is on widely applicable modern experimental methods.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

PHYS 440 Digital Image Processing (3 crs)
Prerequisite: MATH 215
    • Credit may not be earned in both MATH 440 and PHYS 440.
Applications of Fourier analysis and wavelets to optics and image processing. Topics include: diffraction, wave optical theory of lenses and imaging, wavelets, and image processing.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 445 Thermal Physics (4 crs)
Prerequisite: PHYS 332 and MATH 216. No credit if taken after PHYS 334 and PHYS 435.
Statistical mechanics and thermodynamics including the laws of classical thermodynamics, equations of state, thermodynamical processes, and applications to classical and quantum mechanical systems.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

PHYS 465 Quantum Mechanics (3 crs)
Prerequisite: PHYS 333, MATH 311 or MATH 312.
A continuation of Physics 333, including Dirac notation, operator methods, one dimensional potentials, spin and angular momentum, and the philosophical interpretation of quantum mechanics.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PHYS 486 Senior Seminar (0.5 crs)
Prerequisite: Limited to physics liberal arts majors, liberal arts emphasis; and physics liberal arts majors, applied physics emphasis.
Consent: Department Consent Required
• Students need to have completed an adviser-approved capstone project before entering this class. This can be accomplished through various means: PHYS 392, PHYS 399, PHYS 430, PHYS 495, PHYS 499, through an academic or industrial internship, or through another approved means.

Students will present a capstone project seminar, develop presentation skills (oral and poster), take a nationally normed test covering undergraduate physics, discuss their post-graduate plans, and assist the department in assessing the major.

Attributes: LE-S3 Creativity
Lecture/Discussion Hours: .5
Lab/Studio Hours: 0

PHYS 491 Special Topics (1-4 crs)
Prerequisite: PHYS 333 and PHYS 365.
Content will be determined by the interests of students and faculty. Possible topics include astrophysics and solid state physics.

Repeat: Course may be repeated for a maximum of 6 credits

PHYS 495 Directed Study (1-3 crs)
Prerequisite: PHYS 332; 2.75 GPA in physics. Limited to physics majors and minors.
Consent: Department Consent Required
• Limit of three credits counted toward major.

Special project or research activity, primarily on campus, and directed by a faculty member. Projects and topics available will be determined by the activities and interests of the faculty.

Repeat: Course may be repeated for a maximum of 6 credits

PHYS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated

PHYS 561 LabVIEW Basics (2 crs)
Consent: Instructor Consent Required
• Cross-listed with PHYS 361. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory work cover an introduction to graphical programming language LabVIEW. LabVIEW has been widely adopted as the industry standard for computerized data acquisition, analysis and instrument control.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHYS 562 LabVIEW Applications (2 crs)
Consent: Instructor Consent Required
• Cross-listed with PHYS 362. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory exercises cover applications using the graphical programming language LabVIEW. Topics include advanced programming structures, Compact DAQ hardware, digital signal processing, motor control, encoders, PID Process control, RS-232 instrument control, component testing, sensor monitoring.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PHYS 563 LabVIEW cRIO (1 cr)
Consent: Instructor Consent Required
• Cross-listed with PHYS 363. Credit may not be earned in both courses.

Lecture and laboratory exercises cover the theory and application of the cRIO automation controller using the graphical programming language LabVIEW. Topics include Real-Time operating system, field programmable gate array (FPGA) and network shared variables.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

PHYS 793 Directed Studies (1-4 crs)
Permits groups of students to study topical areas in an intensive way under the direction of departmental faculty members.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Political Science (POLS)

POLS 102 Introduction to Politics (3 crs)
A general introduction to basic concepts and approaches to the study of politics and contemporary political issues and problems.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 110 American National Politics (3 crs)
Analysis of major components of American national politics. Includes examination of the individual’s ability to affect politics, and the impact of politics on individual lives.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
POLS 122 Introduction to World Politics (3 crs)
Introductory course for the study of world politics. Focus includes states, international organizations (private and public), and other global interaction influencing and shaping world politics.
Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 238 Mock Trial (1 cr)
A study of American trial advocacy and basic preparation for participation in intercollegiate mock trial. Exposure to the fundamentals of competitive mock trial: opening and closing statements, direct and cross examination, rules of evidence, objections, exhibits, case law.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

POLS 250 American Indian Politics (3 crs)
Credit may not be earned in both POLS 250 and AIS 250.
The course will examine the recent trends in American Indian politics beginning with the American Indian Movement through the present. The course will include topics on tribal sovereignty, legalized gambling, and tribal government.
Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 260 Introduction to Comparative Politics (3 crs)
A comparative analysis of political systems of Great Britain, France, Germany, Russia, Japan, China, India, Iran, Brazil, and Nigeria.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 290 Introduction to Political Analysis (3 crs)
Prerequisite: POLS 110 or consent of instructor. Limited to political science majors.
Examines the nature and design of scientific research; raises philosophical and methodological issues regarding the logic, theory, and empirical analysis of political research; explores reasoning, causality, and data analysis in scientific research.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 291 Special Topics - Political Problems (1-3 crs)
Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.

POLS 301 State and Local Politics (3 crs)
Prerequisite: POLS 110
A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.
Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 305 Survey of U.S. Constitutional Principles (3 crs)
Prerequisite: POLS 110
Analysis of the powers of governments in the U.S. and rights of individuals.
Attributes: GE IIID Social Science-Political Science, LE-K3 Humanities, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 309 Classical Political Thought (3 crs)
Prerequisite: Minimum sophomore standing.
Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.
Attributes: GE IIID Social Science-Political Science, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 310 Modern Political Thought (3 crs)
Prerequisite: Minimum sophomore standing.
Study of major political thinkers from the Renaissance to the French Revolution.
Attributes: GE IIID Social Science-Political Science, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 311 Contemporary Political Thought (3 crs)
Prerequisite: Minimum sophomore standing.
A study of major political thinkers from the French Revolution to the present day, with emphasis on the philosophical roots of twentieth century ideologies.
Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 312 American Political Thought (3 crs)
The intellectual roots of American Politics, with emphasis on the Revolutionaries, particularly Jefferson; The Federalist; Tocqueville’s Democracy in America; and Lincoln.
Attributes: Cultural Diversity 1 cr., GE IIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
POLS 314 The Idea of Tolerance in the Western Political Tradition (3 crs)
Historical and philosophical consideration of the development of the idea of tolerance in the western political tradition, with emphasis on major philosophical defenders and critics of the ideal of an open, tolerant society, and on the American experiment in political, religious, and cultural tolerance.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 319 Politics of Latin America (3 crs)
Credit may not be earned in both POLS 319 and LAS 319.
An examination of major institutions, groups, and selected topics related to Latin American politics.
Attributes: Foreign Culture, GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 321 Politics of the Middle East (3 crs)
Introduces students to social, economic, political, and cultural aspects of life in the Middle East by focusing on specific topics such as Religion and Politics, Nationalism, Peace and Conflict, Western Influence.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 322 Politics of Russia (3 crs)
Prerequisite: One course in Political Science or consent of instructor.
A study of the transitions taking place in Russia covering subjects such as the Soviet past, nationalism, leadership, political institutions, and relations with the other former Soviet republics.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 323 Politics of Eastern Europe (3 crs)
Prerequisite: One course in POLS or consent of instructor.
An examination of political, economic, and cultural transitions in Eastern Europe. Topics covered include political-historical context, democratic institution building, market economic development, political cultural orientation, international organizations, and ethnonational conflict and conflict resolution.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 324 Politics of Asia (3 crs)
This course addresses political, economic, and social dimensions of contemporary Asian politics. The countries examined from a comparative perspective are China, North Korea, South Korea, India, and Indonesia.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 325 Model United Nations (3 crs)
A study of the institutional foundation and the contemporary role of the United Nations as a global intergovernmental organization in pursuit of a peaceful resolution to global conflicts and the promotion of cooperation among global actors.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 327 Politics of Continental Europe (3 crs)
Prerequisite: POLS 102 or POLS 110 or consent of instructor.
An examination of European parliamentary systems, their societies and cultures, the European Union, and the development of European identity.
Attributes: Foreign Culture, GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 329 Political Violence (3 crs)
This course offers a comparative study of political violence in the contemporary world, reviewing a variety of theoretical and empirical approaches to violence.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 330 U.S. Foreign Policy (3 crs)
Prerequisite: POLS 122 or consent of instructor.
A study of the principal theoretical approaches to the conduct of U.S. foreign policy and the major foreign policy issues facing the United States.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 331 International Organization and Law (3 crs)
Prerequisite: POLS 122 or consent of instructor.
An analysis of the historical and current patterns and theoretical concepts and theories relevant to the organization of global affairs.
Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
POLS 332 International Conflict (3 crs)
Prerequisite: POLS 122 or consent of instructor.
Examines the main theories and concepts used to understand and explain international and civil conflict. The course will also provide an analysis of the principle techniques and practices of conflict resolution.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 334 International Political Economy (3 crs)
Prerequisite: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.
International political economy is the simultaneous study of power and wealth at the international level, or it is the study of political foundations of international economic interactions and vice versa.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 335 International Relations Theory (3 crs)
Prerequisite: POLS 122 or consent of instructor. Minimum sophomore standing.
Explores various theoretical approaches on world political order: Realism; Liberalism; Socialism; Critical Theory; Postmodern, Feminist; and Ecological perspectives. Within each framework, key concepts such as the state, power, globalization, regimes, etc., are explored.
Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 336 Arab-Israeli Conflict (3 crs)
This course examines the political, socioeconomic, cultural, and historical roots of the conflict between Arab States/Palestinian Arabs and the state of Israel. Both regional and international aspects of the conflict are fully discussed.
Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 338 Judicial Politics (3 crs)
A study of the judicial system and judicial policy-making, emphasizing the U.S. Supreme Court and lower federal judiciary.
Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 340 Congress and the Presidency (3 crs)
Prerequisite: No credit if taken after POLS 339 or POLS 348
Study of congressional representation, organization, lawmaking, and presidential leadership in the separation of powers system.
Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 341 Political Parties, Elections, and Voting (3 crs)
Prerequisite: One course in POLS or consent of instructor.
Emphasizes electoral politics in America, including the organization and functions of American political parties, the dynamics of campaigns and elections, and voting behavior in the U.S.
Attributes: GE IIID Social Science-Political Science, Service-Learning Optional
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 342 Public Opinion and Political Behavior (3 crs)
Prerequisite: One course in POLS or consent of instructor.
Development, nature and impact of political attitudes and opinions; white and minority opinion compared; political role of the mass media; personality and opinions; political participation; behavioral techniques of analysis; all in an American politics context.
Attributes: Cultural Diversity 1 cr., GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 343 Public Administration (3 crs)
Prerequisite: POLS 110 or consent of instructor
Analyzes organizational structure and administrative behavior in governmental agencies. Topics include leadership, control, decision-making, recruitment, communication, adaptation, and others.
Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 344 Media and Politics (3 crs)
Prerequisite: POLS 110 or consent of instructor
The course examines the symbiotic relationship between the media and political actors. The course will look at how the media influences the political agenda, how politicians manipulate the media, and the impact of political advertising.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
POLS 345 Film and Politics (3 crs)
An examination of how film delivers both implicit and explicit political themes and messages, with a focus on the areas of plot, characterization, symbolism, and cinematic techniques.

Attributes: GE IIIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 346 Public Policy in the United States (3 crs)
Prerequisite: One course in POLS or consent of instructor.
Emphasizes policy analysis, the policymaking process, and the content of American domestic policy; includes coverage of a wide range of policy areas such as economics, environment, energy, business, labor, poverty, welfare, health, education, and agriculture.

Attributes: GE IIIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 350 Group and Minority Politics (3 crs)
Examines the role, status, and experiences of minority groups within the American political system. Emphasis placed on an interest group perspective.

Attributes: Cultural Diversity 3 cr., GE IIIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 351 Women and Politics (3 crs)
Credit may not be earned in both POLS 351 and WGSS 351.
Analysis of women’s roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women’s movement on issues and policymaking.

Attributes: GE IIIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 352 Gender and Politics in Global Perspective (3 crs)
Credit may not be earned in both POLS 352 and WGSS 352.
This course surveys important topics in the study of gender and politics in global perspective.

Attributes: Foreign Culture, GE IIIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 353 Afro-American Politics (3 crs)
The dynamics of Black American politics from the mid-twentieth century to the present. Using a cultural studies and political economy approach, the course examines the social, economic, cultural, and political determinants of Afro-American politics after 1945.

Attributes: Cultural Diversity 3 cr., GE IIIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 390 Culture and Politics (3 crs)
Explores cultural and societal context of contemporary politics through various literary media and selected political studies. A cross-cultural approach examines national character, class, race, ethnic and religious differences, socialization, and cultural conflict.

Attributes: Foreign Culture, GE IIIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Study of a political problem or topic.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

POLS 397 Student Academic Apprenticeship in Political Science (1-6 crs)
Prerequisite: Grade of B+ or above in the assigned course. Minimum total GPA of 3.30.
Consent: Department Consent Required
- Cannot apprentice in the same course twice.

Qualified students work under close supervision of faculty exploring methods to teach political science and assisting in the teaching of a course or courses. Students enhance their understanding of the discipline and their communication skills.

Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 6 credits

POLS 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.

Repeat: Course may be repeated
POLS 403 U.S. Constitutional Principles - Powers of Government (3 crs)
Prerequisite: POLS 110 or consent of instructor
American constitutional principles as interpreted by the Supreme Court; the constitutional structure of the U.S. government. Emphasizes powers of Congress, President, Judiciary; principles of federalism and separation of power. Focus on study of Supreme Court cases.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 404 U.S. Constitutional Principles - Civil Liberties (3 crs)
Prerequisite: POLS 110 or consent of instructor
American constitutional principles concerning the relations between individual and government. Emphasizes freedom of speech, press, religion; separation of church and state; and equality. Focus on study of Supreme Court cases.
Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 405 U.S. Constitutional Principles - Due Process and Criminal Law (3 crs)
Prerequisite: POLS 110
American constitutional principles concerning the criminal process and criminal law. Emphasizes the rights found in the Fourth, Fifth, Sixth, and Eighth Amendments and theories of due process and incorporation from the Fourteenth Amendment.
Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 406 U.S. Constitutional Principles - Equality and Privacy (3 crs)
Prerequisite: POLS 110 or consent of instructor
Study of the U.S. Constitution’s 14th and 15th Amendments as explicated by the U.S. Supreme Court in cases concerning issues of racial and gender equality and sexual privacy.
Attributes: Cultural Diversity 1 cr, GE IIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 480 Political Science Capstone (3 crs)
Prerequisite: POLS 290. Limited to political science majors. Minimum senior standing.
• Student must have successfully completed at least one course in each of the four areas of the discipline.
Graduating seniors apply their acquired knowledge and skills to selected topics for research. Students work under the direction of an assigned faculty to produce a major research paper and oral presentation to the class.
Attributes: LE-I1 Integration, Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 491 Special Topics - Advanced Political Problems (1-3 crs)
Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester’s work in fewer weeks is possible with extra classes per week.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

POLS 496 Honors Independent Reading (2-3 crs)
Prerequisite: 3.50 GPA in political science courses or consent of instructor. Independent reading and research in selected areas of political science.
Repeat: Course may be repeated for a maximum of 8 credits

POLS 498 Internship (1-6 crs)
Prerequisite: POLS 110 or consent of instructor. Limited to political science majors and minors and criminal justice majors.
Consent: Department Consent Required
Assignment to a political or administrative situation for practical experience. The work experience will be related to the fundamental theories of the discipline.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits

POLS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

POLS 501 State and Local Politics (3 crs)
Prerequisite: POLS 110 or consent of instructor.
• Cross-listed with POLS 301. Credit may not be earned in both courses.
A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
POLS 509 Classical Political Thought (3 crs)  
• Cross-listed with POLS 309. Credit may not be earned in both courses.

Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 514 The Idea of Tolerance in the Western Political Tradition (3 crs)  
• Cross-listed with POLS 314. Credit may not be earned in both courses.

Historical and philosophical consideration of the development of the idea of tolerance in the western political tradition, with emphasis on major philosophical defenders and critics of the idea of an open, tolerant society, and on the American experiment in political, religious, and cultural tolerance.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 521 Politics of the Middle East (3 crs)  
• Cross-listed with POLS 321. Credit may not be earned in both courses.

Introduces students to social, economic, political, and cultural aspects of life in the Middle East by focusing on specific topics such as Religion and Politics, Nationalism, Peace and Conflict, Western Influence.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 522 Politics of Russia (3 crs)  
• Cross-listed with POLS 322. Credit may not be earned in both courses.

A study of the transitions taking place in Russia covering subjects such as the Soviet past, nationalism, leadership, political institutions, and relations with the other former Soviet republics.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 523 Politics of Eastern Europe (3 crs)  
• Cross-listed with POLS 323. Credit may not be earned in both courses.

An examination of political, economic, and cultural transitions in Eastern Europe. Topics covered include political-historical context, democratic institution building, market economic development, political cultural orientation, international organizations, and ethnonational conflict and conflict resolution.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 524 Politics of Asia (3 crs)  
Prerequisite: One course in POLS or consent of instructor.  
• Cross-listed with POLS 324. Credit may not be earned in both courses.

This course addresses political, economic, and social dimensions of contemporary Asian politics. The countries examined from a comparative perspective are China, North Korea, South Korea, India, and Indonesia.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 525 Model United Nations (3 crs)  
• Cross-listed with POLS 325. Credit may not be earned in both courses.

A study of the institutional foundation and the contemporary role of the United Nations as a global intergovernmental organization in pursuit of a peaceful resolution to global conflicts and the promotion of cooperation among global actors.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 530 U.S. Foreign Policy (3 crs)  
Prerequisite: POLS 122 or consent of instructor.  
• Cross-listed with POLS 330. Credit may not be earned in both courses.

A study of the principal theoretical approaches to the conduct of U.S. foreign policy and the major foreign policy issues facing the United States.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 532 International Conflict (3 crs)  
Prerequisite: POLS 122 or consent of instructor.  
• Cross-listed with POLS 332. Credit may not be earned in both courses.

Examines the main theories and concepts used to understand and explain international and civil conflict. The course will also provide an analysis of the principle techniques and practices of conflict resolution.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0

POLS 534 International Political Economy (3 crs)  
Prerequisite: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.  
• Cross-listed with POLS 334. Credit may not be earned in both courses.

International political economy is the simultaneous study of power and wealth at the international level, or it is the study of political foundations of international economic interactions and vice versa.

Grading Basis: No S/U Grade Option  
Lecture/Discussion Hours: 3  
Lab/Studio Hours: 0
POLS 536 Arab-Israeli Conflict (3 crs)
- Cross-listed with POLS 336. Credit may not be earned in both courses.

This course examines the political, socioeconomic, cultural, and historical roots of the conflict between Arab States/Palestinian Arabs and the state of Israel. Both regional and international aspects of the conflict are fully discussed.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 544 Media and Politics (3 crs)
Prerequisite: POLS 110 or consent of instructor.
- Cross-listed with POLS 344. Credit may not be earned in both courses.

The course examines the symbiotic relationship between the media and political actors. The course will look at how the media influences the political agenda, how politicians manipulate the media, and the impact of political advertising.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 545 Film and Politics (3 crs)
- Cross-listed with POLS 345. Credit may not be earned in both courses.

An examination of how film delivers both implicit and explicit political themes and messages, with a focus on the areas of plot, characterization, symbolism, and cinematic techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 551 Women and Politics (3 crs)
- Cross-listed with POLS 351 and WGSS 351/WGSS 551. Credit may only be earned in one of these courses.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS Directed Studies (1-3 crs)
Consent: Department Consent Required
- Cross-listed with POLS 395.

Study of a political problem or topic.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

POLS 603 U.S. Constitutional Principles - Powers of Government (3 crs)
Prerequisite: POLS 110 or consent of instructor.
- Cross-listed with POLS 403. Credit may not be earned in both courses.

American constitutional principles as interpreted by the Supreme Court; the constitutional structure of the U.S. government. Emphasizes powers of Congress, President, Judiciary; principles of federalism and separation of power. Focus on study of Supreme Court cases.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 604 U.S. Constitutional Principles - Civil Liberties (3 crs)
Prerequisite: POLS 110 or consent of instructor.
- Cross-listed with POLS 404. Credit may not be earned in both courses.

American constitutional principles concerning the relations between individual and government. Emphasizes freedom of speech, press, religion; separation of church and state; and equality. Focus on study of Supreme Court cases.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 605 U.S. Constitutional Principles - Due Process and Criminal Law (3 crs)
Prerequisite: POLS 110 or consent of instructor.
- Cross-listed with POLS 405. Credit may not be earned in both courses.

American constitutional principles concerning the criminal process and criminal law. Emphasizes the rights found in the Fourth, Fifth, Sixth, and Eighth Amendments and theories of due process and incorporation from the Fourteenth Amendment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 691 Special Topics - Advanced Political Problems (1-3 crs)
- Cross-listed with POLS 491.

Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

POLS 795 Research Paper (1-2 crs)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis
POLS 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Professional Studies Arts and Sciences (PSAS)

PSAS 300 Introduction to Organizational Leadership and Communication (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

- No credit for major or minor in Communication, Mass Communication, Integrated Strategic Communication, or Journalism.

Introduces principles of effective organizational leadership and communication. Emphasizes the role of writing, speaking, analysis and research in organizational leadership. Prepares students to integrate content and skills from courses across the major.

Attributes: LE-S1 Written and Oral Communication, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 350 Using Data to Make Decisions (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

Students will learn basic research tools and methods—both qualitative and quantitative, grounded in the social sciences, to assist them in formulating and addressing real-world problems. Course will also address the application of appropriate technology tools including database management and statistical software.

Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 399 Independent Study-Juniors (1-3 crs)
Prerequisite: Limited to students in the Bachelor of Professional Studies degree program. Junior standing.
Consent: Department Consent Required
Individual projects completed under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

PSAS 480 Organizational Leadership and Communication Capstone (3 crs)
Prerequisite: PSAS 350. Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree. Senior standing.

- No credit for major or minor in Communication, Mass Communication or Journalism.

Culminating experience taken near the end of the major program. Students engage in collaborative research, internship, volunteer or other immersion experience resulting in a final project integrating the practice of skills with the application of knowledge from the major.

Attributes: LE-I1 Integration, LE-S3 Creativity, Capstone Course, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 499 Independent Study-Seniors (1-3 crs)
Consent: Department Consent Required
Individual projects completed under the direction of a faculty member.

Attributes: BPS Flat Rate Tuition
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

Professional Studies Business (PSB)

PSB 321 Business Communication for Today’s Workforce (3 crs)
Prerequisite: Completion of University Writing Requirement, CJ 202, or equivalent competency. Limited to Organizational Leadership and Communication comprehensive major, BPS degree or by consent of the Academic Director for the BPS degree.

- No credit toward any major or minor in the College of Business.

Students focus on oral and written business communication theory and practice to enhance their communication skills. The use of technology for communicating in today’s business environment is explored.

Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSB 399 Independent Study-Juniors (1-3 crs)
Prerequisite: Limited to students in the Bachelor of Professional Studies degree program. Junior standing.
Consent: Department Consent Required
Individual projects completed under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
PSB 350 Principles of Management and Leadership (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.
• No credit toward any major or minor in the College of Business.
Managerial functions of planning, organizing, directing and controlling as they apply to organizations are discussed. Principles of leadership, motivation and project management as they relate to the role of individual and team applications are examined.
Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSB 360 Marketing and Selling Your Ideas (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.
• No credit toward any major or minor in the College of Business.
The course examines how profit and non-profit organizations identify and evaluate customer needs by offering need-satisfying products and services. It examines how individuals can promote their ideas in a persuasive manner.
Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSB 370 Human Resource and Legal Issues in the Workplace (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.
• No credit toward any major or minor in the College of Business.
Recruiting, selection, appraisal, training, reward systems and employee relations in the workplace are examined. Equal Opportunity Law and international human resource issues as well as basic workplace legal issues are addressed.
Attributes: Cultural Diversity 1 cr., BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSB 380 Accounting for the Workplace (3 crs)
Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.
• No credit toward any major or minor in the College of Business.
An introduction to basic accounting concepts students encounter in their lives. Financial statements are analyzed to reveal the financial health of a person or organization and how to include financial information when making decisions about investing, borrowing and budgeting.
Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

Psychology (PSYC)

PSYC 100 Introduction to Psychology (3 crs)
Human behavior, learning, thinking, motivation, perception, emotion, behavior disorders, personality, psychological tests, social behavior, and selected applications of psychology.
Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 101 Psychology as a Discipline and a Profession (1 cr)
Prerequisite: Limited to psychology majors and minors.
• Concurrent enrollment with PSYC 100 is recommended.
A laboratory course introducing students to bibliographic, reasoning, writing, and research skills in psychology. Discussion of specialties and careers in psychology. Students begin to develop their educational programs and portfolios.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

PSYC 121 Introduction to Child Life (3 crs)
Prerequisite: PSYC 100
• No credit if taken after PSYC 491 when offered as Introduction to Child Life.
Understand the scope of child life practice, including developmental and psychosocial issues faced by children in stressful life events.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 221 Child Life: Therapeutic Play (3 crs)
Prerequisite: PSYC 121
• No credit if taken after PSYC 491 when offered as Child Life: Therapeutic Play.
Addresses classical and contemporary theories and concepts of play. Provides students with knowledge of the importance of play in a child's development and learn how to plan therapeutic play activities.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 230 Human Development (3 crs)
Prerequisite: PSYC 100, PSYC 260 or PSYC 261.
Broad overview of theories and research on cognitive, social/emotional, and physical development from conception to death; environmental factors, such as family, school, peers, work, and cultural context; and biological factors that shape development.
Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 245 Social Psychology (3 crs)
Prerequisite: PSYC 100
The study of social and cultural influence. How others affect our thoughts, feelings, and actions. Core topics: social and self-perception, interpersonal attraction, helping behavior, attitudes, prejudice, persuasion, aggression, and group behavior.
Attributes: GE IIIE Social Science-Psychology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 251 Abnormal Psychology (3 crs)
Prerequisite: PSYC 100. Credit may not be earned in both PSYC 251 and PSYC 350 or PSYC 351.
Exploration of psychological disorders with primary emphasis on their symptoms and the biological, psychological and socio-cultural factors that contribute to their development. Brief discussion of treatments for selected disorders.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 260 Educational Psychology (3 crs)
Prerequisite: No credit if taken after or concurrently with PSYC 261. Minimum sophomore standing.
The application of psychological principles to the teaching-learning process, particularly the teaching and learning that occur within the contexts of parenting and therapy. Specific topics include group and individual differences, learning theories, motivation, and assessment.
Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 261 Psychological Development and Classroom Processes (4 crs)
Prerequisite: Completion of University Writing Requirement. No credit if taken after or concurrently with PSYC 231 or PSYC 260. Minimum sophomore standing.
Educational implications and applications of psychological research and theories of development, learning, and teaching of school-age children.
Attributes: GE IIIE Social Science-Psychology
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

PSYC 265 Statistical Methods in Psychology I (3 crs)
Prerequisite: Limited to psychology majors/minors. PSYC 100 or concurrent enrollment. A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. Elementary and descriptive techniques for summarizing psychological data. Construction of graphs and tables. Central tendency, variability, correlation, introduction to statistical inference with t-tests, chi square, analysis of variance. Microcomputer use.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

PSYC 271 Methods of Research in Psychology (4 crs)
Prerequisite: MATH 246 or PSYC 265. Limited to psychology majors and minors or those with instructor consent
Experimental, correlational, longitudinal and cross-sectional, naturalistic/observational, quasi-experimental, qualitative, and case study/clinical methods of research in psychology. Analysis of published research. Data collection, analysis, and presentation of research reports in APA style.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PSYC 281 Introduction to Behavior Analysis and Therapy (3 crs)
Prerequisite: PSYC 100. No credit if taken after PSYC 302 or PSYC 380.
Students acquire introductory skills in analyzing, understanding, and solving human and animal behavior problems. Methods for teaching, increasing, and decreasing behaviors are summarized.
Attributes: GE IIIE Social Science-Psychology, LE-I1 Integration, LE-K2 Social Sciences
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

PSYC 302 Principles of Learning (3 crs)
Prerequisite: PSYC 271 for psychology majors and minors; PSYC 100 or PSYC 260 for non-psychology majors and minors.
An introduction to the methods and findings within the study of classical (respondent) and instrumental (operant) conditioning, including appetitive and aversive conditioning, stimulus and cognitive control of behavior and remembering.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1
PSYC 325 Theories of Counseling (3 crs)
Prerequisite: PSYC 100 or consent of instructor.
Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychophysical approaches are presented and considered in depth.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 331 Child Psychology (3 crs)
Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.
The developing child from conception to puberty. Emphasizes biological influences on development, intelligence and thought, language, personality, social development.
Attributes: GE IIIE Social Science-Psychology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 332 Psychology of Adolescence (3 crs)
Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.
Biological, cognitive, and social transitions of adolescence and contexts (families, peer groups, schools, and work/leisure) in which these are experienced. Psychosocial developments of adolescence, including identity, autonomy, intimacy, sexuality, and achievement, are discussed in depth.
Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 333 Psychology of Adulthood and Aging (3 crs)
Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.
Intellectual, personality and social development from young adulthood through old age. Influence of biological factors and social context on psychological processes. Discussion of adult role demands: work, marriage, family, retirement, etc.
Attributes: GE IIIE Social Science-Psychology, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 334 Psychology of the Exceptional Child (3 crs)
Prerequisite: PSYC 100
A study of the psychological, sociological, historical, and educational factors influencing the development and adjustment of children with significant emotional, behavioral, social, or cognitive differences from the general population.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 336 Psychology of Women (3 crs)
Prerequisite: PSYC 100. Minimum sophomore standing.
Credit may not be earned in both PSYC 336 and WGSS 336.
Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women’s lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.
Attributes: Cultural Diversity 1 cr., GE IIIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 340 Personality Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
An overview of various perspectives on the structure and development of personality, including biological, trait, psychoanalytic, phenomenological, and social-learning. Theory and major lines of research are discussed within each perspective.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 346 Positive Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
The study of positive aspects of well-being, health, and strength rather than negative aspects of disease, distress, and weakness. Individual qualities, activities/experiences, and institutions/communities that contribute to happiness and satisfaction.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 348 Black Psychology (3 crs)
Prerequisite: PSYC 100
Credit may not be earned in both WGSS/PSYC 348. No credit if taken after PSYC 491 when offered as Black Psychology.
An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.
Attributes: Cultural Diversity 3 cr., GE III Social Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 349 Psychology of Stigma, Prejudice and Intergroup Relations (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
Individual, interpersonal and intergroup aspects of prejudice, discrimination and stigma. Research based strategies for identifying and reducing bias.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 353 Health Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor
Health factors, research issues, and applications from the biopsychosocial perspective. Examines role of history, theory, science in contemporary health care practices. Research based focus upon mind/body stress link, treatment application, roles of health psychologists.
Attributes: Service-Learning, Half 15 Hours
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 354 Clinical Psychology (3 crs)
Prerequisite: PSYC 251, 271 or consent of instructor
Introduction to the profession of clinical psychology including the history and current state of the field, clinical assessment, diagnosis, psychotherapy, multicultural and ethical issues, and research. Specializations of health, forensic, and clinical-child psychology are reviewed.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 357 Ethics in Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
Students will learn about ethical dilemmas of helping professionals and social scientists and how to apply ethical principles and standards when making ethical decisions in practice, research, and educational settings.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 360 Foundations of Psychological Measurement (3 crs)
Prerequisite: PSYC 100
Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 366 Statistical Methods in Psychology II (3 crs)
Prerequisite: PSYC 265
Frequently used inferential statistical techniques for the analysis of data in psychology.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 372 Individual Differences and Behavior Genetics (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
• No credit if taken after PSYC 491 with the same topic.
Course introduces students to the structure of various individual differences attributes (abilities, personality, interests). Introduces behavioral genetic research designs that unravel the causal structure of individual differences and reviews exemplary findings from this research.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 373 Evolutionary Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
• No credit if taken after PSYC 491 with the same topic.
Fundamentals of evolutionary psychology, grounded in natural and sexual selection. Review research and theory on human mating, friendship, parental investment, infants’ knowledge of the physical world, aggression and warfare, status and dominance, emotion, rape, and jealousy.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 374 Cognitive Neuroscience (3 crs)
Prerequisite: IDIS 125 or consent of instructor.
Explores mind and behavior from a brain-based, information-processing perspective. Examines how neuroimaging (e.g., EEG and functional MRI) and lesion studies reveal mechanisms underlying perception, attention, movement, language, memory, decision-making, emotion, motivation, and social cognition.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 375 Behavioral and Clinical Neuroscience (3 crs)
Prerequisite: IDIS 125 or consent of the instructor.
Applications of neuroscience to understanding typical and atypical behaviors. In-depth discussion of neurological, psychological, and other disorders.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 376 Psychology of Perception (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 377 Psychopharmacology (3 crs)
Prerequisite: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.
Examines drug and behavior relations from biological (e.g., pharmacological and physiological effects of drugs), behavioral, social, and historical perspectives. Topics include drug classification and scheduling, therapeutic effects of drugs, substance abuse prevention and treatment programs.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 379 Cognitive Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
Human perception, attention, memory, knowledge, reasoning, and decision-making are examined. Major theories and research methods of the field are presented, and a critical understanding of both established and emerging elements of the discipline is promoted.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 380 Introduction to Behavior Modification (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
Provides students thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 385 Practicum in Applied Behavior Analysis (3 crs)
Prerequisite: PSYC 380
Consent: Instructor Consent Required
The practicum is designed to provide an opportunity to apply the principles and methods of behavior analysis in various human service settings under close field supervision.
Attributes: Service-Learning, Full 30 Hours
Lecture/Discussion Hours: 3
Lab/Studio Hours: 8

PSYC 390 Advanced Applied Behavior Analysis (3 crs)
Prerequisite: PSYC 271 and PSYC 281, with a grade of B or above in PSYC 281, or consent of instructor.
Students will learn skills needed to plan, implement, and evaluate behavioral interventions in a variety of human services settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Students, with assistance of instructors, define a topic to study or develop a field placement in a setting related to psychology. Selected readings, weekly meetings with the instructor, and other assignments may also be required.
Repeat: Course may be repeated

PSYC 396 Research Apprentice in Psychology (1-3 crs)
Prerequisite: PSYC 100
Consent: Department Consent Required
Qualified students, recruited and supervised by an instructor, engage in original research in collaboration with the instructor. Research methods and current status of psychological knowledge are applied to create new knowledge.
Repeat: Course may be repeated

PSYC 397 Student Academic Apprenticeship in Psychology (1-3 crs)
Consent: Department Consent Required
Completion of the course (or equivalent) in which assisting with a minimum grade of B; at least nine semester credits and a 3.00 GPA in psychology.
Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses. Apprentices enhance their knowledge of psychology and their ability to communicate that knowledge.
Repeat: Course may be repeated

PSYC 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Student proposes an independent study project to an instructor. Projects may include library research, original empirical research, or placement in a setting related to psychology. Student works independently, with instructor providing oversight and limited guidance and assistance.
Repeat: Course may be repeated

PSYC 400 History and Systems of Psychology (3 crs)
Prerequisite: PSYC 100 or consent of instructor. Minimum senior standing.
This course traces the philosophical and scientific foundations of modern psychology, then delineates the strands of thought that define the field. Great persons in historical contexts are studied to understand psychology as it exists today.
Attributes: Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 401 Big Issues in Psychology (3 crs)
Prerequisite: PSYC 100 or consent of instructor. Minimum senior standing.
In this course students read and discuss primary literature—old and new—that revolves around enduring issues in psychological science.
Attributes: Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 412 Experimental Analysis of Behavior (4 crs)
Prerequisite: Grade of B or above in PSYC 390. Methods, assumptions, basic principles, and recent developments in the psychology of learning primarily from a behavioral perspective. Survey of laboratory research with humans and animals providing a theoretical framework for describing these behavior-change concepts.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

PSYC 425 Applications of Psychology in Educational Settings (3 crs)
Prerequisite: Any one of the following: PSYC 230, PSYC 260, PSYC 261, PSYC 331, PSYC 332. Minimum senior standing. Examination of psychological theories and research related to education, with specific emphasis on the application of learning theories in education.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 432 Advanced Developmental Psychopathology of Childhood and Adolescence (3 crs)
Prerequisite: PSYC 271 and either PSYC 331 OR PSYC 332. Minimum senior standing.
Credit may not be earned in both PSYC 432 and PSYC 632.
Introduction to developmental psychopathology for childhood and adolescence. Emphasis is on typical and atypical child development and applied practice in psychology.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 435 Theories and Research in Developmental Psychology (3 crs)
Prerequisite: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.
Developmental psychology is the study of human cognitive, social, emotional, and physical change across time. Developmental theories and research will be reviewed, analyzed, and discussed.
Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 470 Senior Research Seminar (2 crs)
Prerequisite: All required courses, except PSYC 400 or PSYC 401. Reading and discussion of current issues in psychology, completion of the psychology portfolio and exit survey, and presentation of an empirical research project or literature review.
Attributes: Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PSYC 480 Internship in Behavior Analysis (3-6 crs)
Prerequisite: PSYC 281 or consent of instructor
Consent: Instructor Consent Required
Students gain experience implementing interventions based on the methods and principles of behavior analysis to facilitate their preparation for national certification.
Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

PSYC 481 Internship in Applied Behavior Analysis II (3-6 crs)
Prerequisite: PSYC 480.
Consent: Instructor Consent Required
The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.
Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

PSYC 491 Special Topics (1-3 crs)
Intensive study of a topic selected because of a special interest on the part of students or faculty.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

PSYC 492 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal (3 crs)
Prerequisite: One of: PSYC 230, PSYC 260, PSYC 261, PSYC 331 or PSYC 332; or consent of instructor. Minimum senior standing.
The purpose of this course is to introduce school psychology graduate students to the practice of school psychology. Topical areas of coverage include the role and function of a psychologist, ethical and legal practice, and critical issues in the field.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

PSYC 498 Internship (1-3 crs)
Prerequisite: 12 credits of psychology. Consent: Department Consent Required
Formal agreement between instructor, field supervisor, and student must be completed before registering. Criminal background checks may be required prior to internship.
A field experience course in which students integrate knowledge of psychology with work in the community.
Attributes: Service-Learning Optional
Repeat: Course may be repeated for a maximum of 6 credits
PSYC 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Student proposes an independent study project to an instructor. Projects may include library research, original empirical research, or placement in a setting related to psychology. Student works independently, with instructor providing oversight and limited guidance and assistance.
Repeat: Course may be repeated

PSYC 525 Theories of Counseling (3 crs)
Prerequisite: PSYC 100 or consent of instructor.
- Cross-listed with PSYC 325. Credit may not be earned in both courses.
Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychophysical approaches are presented and considered in depth.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 533 Psychology of Adulthood and Aging (3 crs)
Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.
- Cross-listed with PSYC 333. Credit may not be earned in both courses.
Intellectual, personality and social development from young adulthood through old age. Influence of biological factors and social context on psychological processes. Discussion of adult role demands: work, marriage, family, retirement, etc.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 534 Psychology of the Exceptional Child (3 crs)
- Cross-listed with PSYC 334. Credit may not be earned in both courses.
A study of the psychological, sociological, historical, and educational factors influencing the development and adjustment of children with significant emotional, behavioral, social, or cognitive differences from the general population.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 536 Psychology of Women (3 crs)
- Cross-listed with PSYC 336 and WGSS 336/WGSS 536. Credit may only be earned in one of these courses.
Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 540 Personality Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 340. Credit may not be earned in both courses.
An overview of various perspectives on the structure and development of personality, including biological, trait, psychoanalytic, phenomenological, and social-learning. Theory and major lines of research are discussed within each perspective.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 546 Positive Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 346. Credit may not be earned in both courses.
The study of positive aspects of well-being, health, and strength rather than negative aspects of disease, distress, and weakness. Individual qualities, activities/experiences, and institutions/communities that contribute to happiness and satisfaction.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 548 Black Psychology (3 crs)
Prerequisite: PSYC 100
- Cross-listed with WGSS/PSYC 348/548. Credit may only be earned in one of these courses. No credit if taken after PSYC 491 when offered as Black Psychology.
An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 549 Psychology of Stigma, Prejudice and Intergroup Relations (3 crs)
- Cross-listed with PSYC 349. Credit may not be earned in both courses.
Individual, interpersonal and intergroup aspects of prejudice, discrimination and stigma. Research based strategies for identifying and reducing bias.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 557 Ethics in Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 357. Credit may not be earned in both courses.

Students will learn about ethical dilemmas of helping professionals and social scientists and how to apply ethical principles and standards when making ethical decisions in practice, research, and educational settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 560 Foundations of Psychological Measurement (3 crs)
- Cross-listed with PSYC 360. Credit may not be earned in both courses.

Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 566 Statistical Methods in Psychology II (3 crs)
Prerequisite: PSYC 265
- Cross-listed with PSYC 366. Credit may not be earned in both courses.

Frequently used inferential statistical techniques for the analysis of data in psychology.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 572 Individual Differences and Behavior Genetics (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 372. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Course introduces students to the structure of various individual differences attributes (abilities, personality, interests). Introduces behavioral genetic research designs that unravel the causal structure of individual differences and reviews exemplary findings from this research.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 573 Evolutionary Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 373. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Fundamentals of evolutionary psychology, grounded in natural and sexual selection. Review research and theory on human mating, friendship, parental investment, infants' knowledge of the physical world, aggression and warfare, status and dominance, emotion, rape, and jealousy.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 574 Cognitive Neuroscience (3 crs)
Prerequisite: IDIS 125 or consent of instructor.
- Cross-listed with PSYC 374. Credit may not be earned in both courses.

Explores mind and behavior from a brain-based, information-processing perspective. Examines how neuroimaging (e.g., EEG and functional MRI) and lesion studies reveal mechanisms underlying perception, attention, movement, language, memory, decision-making, emotion, motivation, and social cognition.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 575 Behavioral and Clinical Neuroscience (3 crs)
Prerequisite: IDIS 125
- Cross-listed with PSYC 375. Credit may not be earned in both courses.

Applications of neuroscience to understanding typical and atypical behaviors. In-depth discussion of neurological, psychological, and other disorders.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 576 Psychology of Perception (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
- Cross-listed with PSYC 376. Credit may not be earned in both courses.

Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
PSYC 577 Psychopharmacology (3 crs)
Prerequisite: PSYC 271
• Cross-listed with PSYC 377. Credit may not be earned in both courses.

Examines drug and behavior relations from biological (e.g., pharmacological and physiological effects of drugs), behavioral, social, and historical perspectives. Topics include drug classification and scheduling, therapeutic effects of drugs, substance abuse prevention and treatment programs.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 579 Cognitive Psychology (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
• Cross-listed with PSYC 379. Credit may not be earned in both courses.

Human perception, attention, memory, knowledge, reasoning, and decision-making are examined. Major theories and research methods of the field are presented, and a critical understanding of both established and emerging elements of the discipline is promoted.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 580 Introduction to Behavior Modification (3 crs)
Prerequisite: PSYC 271 or consent of instructor.
• Cross-listed with PSYC 380. Credit may not be earned in both courses.

Provides a thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 590 Advanced Applied Behavior Analysis (3 crs)
Prerequisite: PSYC 271 and PSYC 281, with a grade of B or above in PSYC 281, or consent of instructor.
• Cross-listed with PSYC 390. Credit may not be earned in both courses.

Students will learn skills needed to plan, implement, and evaluate behavioral interventions in a variety of human services settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 592 Advanced Developmental Psychopathology of Childhood and Adolescence (3 crs)
• Cross-listed with PSYC 432. Credit may not be earned in both courses.

Introduction to developmental psychopathology for childhood and adolescence. Emphasis is on typical and atypical child development and applied practice in psychology.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 595 Internship in Behavior Analysis (3-6 crs)
Prerequisite: PSYC 281 or consent of instructor
Consent: Instructor Consent Required
• Cross-listed with PSYC 480. Credit may not be earned in both courses.

Students gain experience implementing interventions based on the methods and principles of behavior analysis to facilitate their preparation for national certification.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

PSYC 612 Experimental Analysis of Behavior (4 crs)
Prerequisite: Grade of B or above in PSYC 390/PSYC 590.
• Cross-listed with PSYC 412. Credit may not be earned in both courses.

Methods, assumptions, basic principles, and recent developments in the psychology of learning primarily from a behavioral perspective. Survey of laboratory research with humans and animals providing a theoretical framework for describing these behavior-change concepts.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

PSYC 625 Applications of Psychology in Educational Settings (3 crs)
• Cross-listed with PSYC 425. Credit may not be earned in both courses.

Examination of psychological theories and research related to education, with specific emphasis on the application of learning theories in education.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 632 Advanced Developmental Psychopathology of Childhood and Adolescence (3 crs)
• Cross-listed with PSYC 432. Credit may not be earned in both courses.

Developmental psychology is the study of human cognitive, social, emotional, and physical change across time. Developmental theories and research will be reviewed, analyzed, and discussed.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 635 Theories and Research in Developmental Psychology (3 crs)
Prerequisite: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.
• Cross-listed with PSYC 435. Credit may not be earned in both courses.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 680 Internship in Behavior Analysis (3-6 crs)
Prerequisite: PSYC 281 or consent of instructor
Consent: Instructor Consent Required
• Cross-listed with PSYC 480. Credit may not be earned in both courses.

Students gain experience implementing interventions based on the methods and principles of behavior analysis to facilitate their preparation for national certification.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
PSYC 681 Internship in Applied Behavior Analysis II (3-6 crs)
Prerequisite: PSYC 480/PSYC 680
Consent: Instructor Consent Required
- Cross-listed with PSYC 481.

The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

PSYC 691 Special Topics (1-3 crs)
- Cross-listed with PSYC 491. Graduate standing required.


Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

PSYC 692 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal Issues (3 crs)
- Cross-listed with PSYC 492. Credit may not be earned in both courses.

The purpose of this course is to introduce school psychology graduate students to the practice of school psychology. Topical areas of coverage include the role and function of a psychologist, ethical and legal practice, and critical issues in the field.

Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

PSYC 720 Advanced Educational Psychology (3 crs)
Prerequisite: PSYC 260 or teacher licensure
- Admission to the EDS School Psychology program or teacher licensure required.

Psychological principles and theories related to education are examined, particularly those surrounding human development, learning, motivation, technology, and assessment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 725 Counseling I (2 crs)
- Limited to graduate students in the school psychology program.

Introduction to fundamental counseling and consultation techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PSYC 726 Counseling II (2 crs)
Prerequisite: PSYC 725
- Limited to graduate students in the school psychology program.

Advanced counseling and consultation techniques with emphasis on supervised practice. A continuation of Counseling I to provide training experiences related to individual and group counseling of children with specific problems/crises.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PSYC 760 Psychoeducational Assessment I and II (4 crs)
- Students must enroll for two semesters. Limited to graduate students in the school psychology program.

School psychology assessment procedures are studied using theoretical readings and applied practice. Test administration and interpretation, psychometric theory, and oral and written reporting are covered. Emphasis on cognitive, academic, and social/emotional areas.

Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

PSYC 761 Practicum in Assessment (2 crs)
Prerequisite: PSYC 760
- Limited to graduate students in the school psychology program.

Practicum that focuses on building assessment skills through practice assessment experiences and participation in supervised clinical evaluations as a clinical team member.

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
Practicum Hours: 2

PSYC 781 School Based Consultation (3 crs)
Prerequisite: PSYC 380/PSYC 580
- Limited to graduate students in the school psychology program.

Approaches to school consultation are studied through practice and theoretical readings. Students complete a case project emphasizing functional assessment and problem solving consultation.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3 Lab/Studio Hours: 0
PSYC 784 Multicultural Practicum in School Psychology (1 cr)
Prerequisite: Limited to students in the Education Specialist School Psychology
program
Consent: Department Consent Required
- Limited to graduate students in the school psychology program.

Students complete part of their Practicum in the Schools requirement at the
Lac du Flambeau school under the supervision of their school psychologist.
Students participate in community orientation, assessment, intervention, and
classroom consultation activities.
Grading Basis: No S/U Grade Option

PSYC 785 Practicum: School Psychology (3 crs)
- Student must enroll for two semesters. Six credits required. Limited to graduate
students in the school psychology program.

Supervised experiences within school settings. Students develop skills required
for delivery of school psychological services. Four professional skill domains
are emphasized: (1) assessment; (2) intervention; (3) consultation; and (4)
collaboration with educational professionals.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

PSYC 786 Practicum: Clinical Settings (1-3 crs)
- Limited to graduate students in the school psychology program.

Practicum involving supervised casework in a clinical setting. Students
perform assessment, consultation, and intervention with clients of the Human
Development Center or Psychological Services Center.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

PSYC 787 Internship in School Psychology (3 crs)
- Full-time equivalent. Student must enroll for two semesters. Recommendation
for Initial License in School Psychology. Six credits required. Phase 3, Internship
Phase of training requires a minimum of 1,200 hours of supervised professional
experience in an approved placement setting(s), 600 hours must be completed
in the public schools. Application and approval procedures and internship
requirements are detailed in the Internship Handbook.

Full school year of supervised internship within the public school setting for
the student preparing for School Psychologist certification. Includes full-scale
involvement in school psychological services and accompanying seminar.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

PSYC 792 Research and Program Evaluation in School Psychology (3 crs)
- Limited to graduate students in the school psychology program.

Identification of research problems, analysis and synthesis of literature,
research methodology, and program evaluation. Students complete research
project or thesis proposal.
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

PSYC 793 Special Topics (1-3 crs)
Content determined by the needs of students and interests of psychology
faculty. Presents emerging concepts and methods in psychology.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

PSYC 795 Research Paper (1-2 crs)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

PSYC 796 Evidence-based Intervention in School Psychology (3 crs)
Prerequisite: PSYC 791
- Limited to graduate students in the school psychology program.

This course will expose students to individual and systems-level academic,
behavioral, emotional, and social interventions used in school-based settings.
All interventions will be discussed within the context of evidence-based
practice as well as direct and indirect service delivery.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

PSYC 799 Thesis (1-3 crs)
- A maximum of three credits of PSYC 799 may count toward degree
requirements. Full-time equivalent. Limited to graduate students in the school
psychology program.

A description of acceptable topics and the precise nature of the thesis
requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: PR Only Grade Basis
Religious Studies (RELS)

RELS 100 Introduction to the Religions of the World (3 crs)
Basic teachings of the world's major religions including tribal traditions, Western religions (Judaism, Christianity, and Islam), Indian religions (Hinduism and Buddhism), and Far Eastern religions (Confucianism, Taoism, and Shinto).
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 110 Basic Issues in Religion (3 crs)
A study of the meaning of religion, the nature of religious thought, and an examination of such issues as God, salvation, evil, and selected topics in the relation between religion and the secular world.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 203 Women and World Religions (3 crs)
Credit may not be earned in both RELS 203 and WGSS 203. No credit if taken after ANTH 354 or RELS 354.
Survey of women's religious lives. Impact of patriarchy is examined and compared to matrilineal societies. Feminist reading of religious texts is explored.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 210 Religion and Morality (3 crs)
Relations between religious meanings and moral values among majority and minority religions of Eastern and Western cultures.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 230 Old Testament/Hebrew Bible (3 crs)
Scriptural heritage from ancient Israel which has profoundly influenced Western civilization; the resources of recent Biblical studies are utilized.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 240 New Testament (3 crs)
Prerequisite: One course in religious studies.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 290 Sacred Earth: Religion and Nature (3 crs)
Sacred Earth explores the historical, cultural, religious, and spiritual concerns of humanity's relationship with "Nature" and environments, converging varieties or cultural expressions of the "sacred earth" in religious traditions, contemporary society, environmentalism, and science.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 291 Special Topics (1-3 crs)
Topics, issues, literature, or movements not typically covered in regular religious study courses and of special interest to students and faculty.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 303 Early Christianity (3 crs)
Prerequisite: One course in religious studies or philosophy.
Principal ideas, movements, and persons in the development of Christianity from the New Testament Church to the Reformation.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 304 Modern Christianity (3 crs)
Prerequisite: One course in religious studies or philosophy.
Principal ideas, movements, and persons in the development of Christianity from the Reformation to the twenty-first century.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 307 Judaism (3 crs)
Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
RELS 309 Islam (3 crs)
Prerequisite: One course in Religious Studies
Introduction to the main elements of Islam, through study of its history, the role of Muhammad, the Qur’an, basic beliefs and observances, the dynamics of the movement, and its current world status and influence.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 312 Buddhism: Past and Present (3 crs)
Prerequisite: One course in religious studies or philosophy.
Study of central teachings, practices, and institutions of major sects of Buddhism, both past and present. Emphasis on development of Buddhist thought in India and on Buddhism as practiced by several contemporary forms of Buddhism.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 313 Tibetan Buddhism (3 crs)
Prerequisite: RELS 100 or RELS 312 or consent of instructor
Explores Tibetan Buddhism through Tibetan literature in translation and studies of Tibetan history and culture. Main themes are creative tensions between elite and popular religion, domestication of Buddhism in Tibet, and ongoing development of Tibetan Buddhism in the contemporary world.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 314 Hinduism (3 crs)
Prerequisite: One course in religious studies or philosophy.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 315 Psychology of Religion (3 crs)
An examination of the human experience, using languages of psychology and religion to understand what religion means.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-I1 Integration
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 323 Chinese and Japanese Religions (3 crs)
Prerequisite: One course in religious studies or philosophy. No credit if taken after RELS 317, RELS 319 and/or RELS 320.
Examines the formative religions of China and Japan, including Chinese and Japanese folk religions, the Religion of the I Ching (Yin/Yang), Confucianism, Taoism, Neo-Confucianism, and Shinto.
Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 326 Asian Religious Philosophies (3 crs)
Prerequisite: RELS 312, RELS 314, or RELS 323; or one course in philosophy or consent of instructor.
• Credit may not be earned in both PHIL 326 and RELS 326.
Philosophical approaches to major religious traditions of India, China, and Japan. Included will be Hindu, Buddhist, Yin-Yang, Taoist, and Neo-Confucian thinkers. The course will conclude with a consideration of the Kyoto School’s attempted synthesis of Western and Eastern thought.
Attributes: GE IVB Humanities-Philosophy
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 330 Indigenous Religions of the Americas (3 crs)
Prerequisite: One course in RELS, PHIL, AIS, LAS, or consent of instructor.
• Credit may not be earned in both RELS 330 and AIS 330.
This course will introduce indigenous religions in the cultural contexts of Latin America and North American Indian nations. It will study historical religious development from Pre-Columbian, through colonial experience, to present day cultural movements.
Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 334 Music in Judaism, Christianity and Islam (3 crs)
Prerequisite: One course in religious studies.
• No credit if taken after IDIS 354 when offered as Music of Devotion.
This course addresses music in Judaism, Christianity, and Islam. A variety of traditional and contemporary musical styles will be considered, with emphasis on how these styles have shaped Jewish, Christian, and Muslim devotion.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
RELS 342 African American Religion (3 crs)
Prerequisite: One RELS course or permission of the instructor.
• No credit if taken after RELS 490 when offered as African American Religious Experience.
Lecture/Discussion Hours: 3
An examination of African American religion in the past and present. In addition to a substantial focus on the Christian tradition, significant attention is given to other perspectives including Vodou and the Nation of Islam.
Attributes: Cultural Diversity 3 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lab/Studio Hours: 0

RELS 345 Philosophy of Religion (3 crs)
Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.
• Credit may not be earned in both PHIL 345 and RELS 345.
Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.
Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 348 Religious Themes in Literature (3 crs)
An exploration of religious beliefs and practices of diverse people through literature. A portion of the course will focus on works of African American, Native American, Hispanic American, and Southeast Asian American authors.
Attributes: Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 378 The Holocaust, 1933-1945 (3 crs)
The destruction by the Nazis of Jewish life in Europe, with reference to its sociological and political dimensions.
Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 390 Religion in America (3 crs)
Prerequisite: One course in Religious Studies
America’s many religious traditions from the colonial period to the present, emphasizing diversity of religious expressions, development and transformation on American soil, commonalities and conflicts, and challenges to a pluralistic United States.
Attributes: Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 395 Directed Studies (1-3 crs)
Prerequisite: Minimum sophomore standing.
Consent: Department Consent Required
Study of a particular problem or special area in the field of comparative religion studies.
Repeat: Course may be repeated

RELS 396 Research Apprenticeship in Religious Studies (1-3 crs)
Prerequisite: One course in religious studies
Consent: Department Consent Required
Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.
Repeat: Course may be repeated for a maximum of 3 credits

RELS 397 Student Academic Apprenticeship in Religious Studies (1-3 crs)
Prerequisite: One course in religious studies
Consent: Department Consent Required
Qualified students, selected and supervised by an instructor, assist teaching and learning in a course within the department while working closely with a faculty member.
Attributes: Service-Learning Optional Half
Repeat: Course may be repeated for a maximum of 3 credits

RELS 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

RELS 470 The Problem of Evil (3 crs)
Prerequisite: Two courses in religious studies. Limited to religious studies majors and minors, or consent of instructor.
Exploration of the problem of evil for Eastern and Western religious thought. Theological, philosophical, psychological, and popular cultural explanations will be examined.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 490 Seminar in Religious Studies (3 crs)
Prerequisite: Limited to religious studies majors and minors. Minimum junior standing, or consent of instructor.
The content of the seminar is determined by the department in designating the instructor.
Attributes: LE-S3 Creativity
Repeat: Course may be repeated
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
RELS 491 Special Topics (1-3 crs)
Prerequisite: Minimum sophomore standing.
- May be repeated if topics differ with permission of adviser or department chair.
Content will be determined by initiative of students and department, such as topics in comparative religions, scriptural research, historical and systematic theology, sects, and movements.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 498 Internship in Religious Studies (1-3 crs)
Prerequisite: Limited to religious studies majors and minors.
Consent: Department Consent Required
Assignment in an area of religious studies emphasizing practical experience in the technical or professional aspects of the discipline. Interns will work closely with a professional in the field.
Attributes: Service-Learning Optional Half, Internship
Repeat: Course may be repeated for a maximum of 3 credits

RELS 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

RELS 507 Judaism (3 crs)
- Cross-listed with RELS 307. Credit may not be earned in both courses.
Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 545 Philosophy of Religion (3 crs)
Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHEL 450.
- Cross-listed with RELS 345 and PHIL 345/PHIL 545. Credit may only be earned in one of these courses.
Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 797 Independent Study (1-3 crs)
Individual project under the direction of a faculty member.
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

Russian (RUSS)

RUSS 101 Beginning Russian I (4 crs)
A foundation in spoken and written Russian, listening and reading comprehension, grammatical usage, and cultural backgrounds.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

RUSS 102 Beginning Russian II (4 crs)
Prerequisite: RUSS 101
Continuation of Russian 101.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

Social Work (SW)

SW 100 Introduction to Social Welfare (3 crs)
- Coordinating Department: Social Work.
Introduces institutions, values, political perspectives influencing and structuring the well-being of people.
Attributes: GE V University Wide, LE-I1 Integration, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 220 Interpersonal Skills (3 crs)
Prerequisite: SW 100 and SW 290. Admission to social work program required.
Consent: Department Consent Required
Knowledge about self and interaction with others. Impact of culture on communications. Development of sensitivity to cultural diversity. Integration of knowledge, values, ethics, and skills with a professional sense of self.
Grading Basis: No Auditors
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 290 Human Rights and Global Justice (3 crs)
Prerequisite: SW 100
Human Rights and Global Justice provides a basic understanding of universal human rights and global justice. Social issues will be explored from a variety of perspectives, and field visits to local agencies/programs are required.
Attributes: LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 Hours, Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

SW 291 Special Topics (1-3 crs)
Issues of current interest in the field of social work.
SW 309 Community-based Corrections (3 crs)
Social work in prevention and treatment of crime and delinquency. Traditional and emerging community-based programs considered.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 315 Aging and the Aged (3 crs)
The process of aging, its problems, effects on society, needs of the aged, and social services to the aged.
Attributes: Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 320 Generalist Social Work Practice with Individuals (3 crs)
Prerequisite: SW 335. Admission to Social Work program required. Introduction to basic theories and methods of social work practice. Applied laboratory dimension focuses on professional communication skills with individuals (interviewing and writing). Linkages made to practice with families, groups, and communities.
Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

SW 323 Methods of Social Work Research (3 crs)
Prerequisite: Admission to social work program required. Critical reading, evaluation of practice, and conducting basic social work research.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 335 Human Behavior and the Social Environment (3 crs)
Prerequisite: SW 100, SW 290. Admission to social work program required. Permission to take SW 335 prior to admission to the social work program may be granted in limited instances. Contact department chair.
Interactions between persons and their social environments. Impact of functioning of communities, groups, families, and individuals on each other. Emphasis on dynamics of discrimination and oppression, and effects of race and racism, poverty, gender, sexual orientation.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 360 Death and Bereavement (3 crs)
Prerequisite: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.
• Credit may not be earned in both NRSG/SW 360.
Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.
Attributes: Wellness Theory, GE V University Wide, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 383 Social Welfare Policies and Programs (3 crs)
Prerequisite: Admission to social work program required. Structure and content of social welfare policies; models of policy analysis; policy development; ethics. Emphasis on oppression, discrimination, and the social values of adequacy, equity, and social and economic justice, especially for oppressed and at-risk populations.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 385 Child Welfare (3 crs)
Service systems for dependent, neglected, abused, or delinquent children.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
• A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major. Section 10 --Building Bridges--special course fee required for criminal background check.
Social work study approved by supervising instructor and department chair.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors

SW 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Limited to social work majors. Minimum resident and total GPA of 3.00.
Consent: Department Consent Required
• A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major.
Intensive study culminating in a paper suitable for publication.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors
SW 402 Instructional Assistant in Social Work (1-3 crs)
Prerequisite: SW GPA of 2.5 or higher
Consent: Department Consent Required
• Completion of the course in which assisting with a minimum grade of C.
Qualified students, selected and supervised by faculty members, facilitate
teaching and learning in a specific course. Instructional assistants enhance their
knowledge of social work, and their ability to communicate that knowledge
and facilitate group process.
Repeat: Course may be repeated for a maximum of 6 credits

SW 405 Culturally Competent SW Practice (3 crs)
Prerequisite: SW 320. Admission to social work program required.
Understanding different minority groups of color with special focus on social
services, programs, and ethnic-sensitive practice issues.
Attributes: Cultural Diversity 3 cr., Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 424 Alcohol and Other Drug Abuse (3 crs)
Diagnosis, causal theories, current treatment methods, prognosis, and
prevention related to the field of alcohol and other drug abuse.
Attributes: Wellness Theory
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 471 Generalist Social Work Practice with Families/Groups (3 crs)
Prerequisite: SW 320. Admission to social work program required.
Knowledge, skills, values, and ethics related to social work practice with diverse,
oppressed, and at-risk families and treatment groups. Applied laboratory
dimension focuses on professional communication and assessment skills with
families and groups.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

SW 472 Generalist Social Work Practice with Communities/Organizations
(3 crs)
Prerequisite: SW 320
Knowledge, skills, values, and ethics related to social work practice in task
groups, communities, organizations, and society. Emphasis on diversity, social
and economic justice, and empowerment, especially for oppressed and at-risk
groups, organizations, and communities.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 481 Social Work Internship (6-12 crs)
Consent: Department Consent Required
• Course may be taken for 6 to 12 credits. Six credit sections must be sequential.
Acceptance as specified under criteria for admission into the internship (see
internship admission requirements), criminal background check required.
Transportation required at some placements.
Placement in social welfare agency for professional social work practice
experience for one or two semesters. This course is the capstone experience
wherein students integrate and apply learning to the work setting.
Attributes: LE-I1 Integration, Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 12 credits

SW 482 Social Work Internship - International (12 crs)
Prerequisite: SW 323, SW 383, SW 405, and SW 471, and SW GPA of 2.50 or
higher.
Consent: Department Consent Required
• Acceptance as specified under criteria for admission into the internship (see
internship admission requirements), criminal background check required.
Transportation to the internship site arranged by the student.
Placement in an international social welfare agency for professional social work
practice experience for one semester. This course is the capstone experience
where students integrate and apply learning to the work setting.
Attributes: Service-Learning, Full 30 Hours, Capstone Course, Internship, Special
Course Fee Required

SW 489 Social Work in Mental Health Settings (3 crs)
This course will provide basic knowledge and skills necessary to practice
effective and competent bachelor level social work in a variety of settings with
people challenged by a mental illness.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 491 Special Topics (1-3 crs)
Selected social work issues of current interest that affect practice.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

SW 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Limited to social work majors. Minimum resident and total GPA of
3.00.
Consent: Department Consent Required
• A maximum of nine credits earned in Directed Studies, Independent Studies
and Instructional Assistant may count toward the major.
Intensive study culminating in a paper suitable for publication.
Repeat: Course may be repeated for a maximum of 6 credits
SW 691 Special Topics (1-3 crs)
• Cross-listed with SW 491.
Selected social work issues of current interest that affect practice.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Sociology (SOC)

SOC 101 Introduction to Sociology (3 crs)
Introduces students to sociological perspectives of human social behavior, social structures, interaction, socialization, culture, institutions, and social change.
Attributes: GE IIIF Social Science-Sociology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 164 Family and Intimate Relationships (3 crs)
• Credit may not be earned in both SOC 164 and WMNS 164.
An introduction to dating, cohabitation, family formation, and marriage. Addresses the family as a social institution as well as changes in families. Attention to current issues in relationships and families.
Attributes: GE IIIF Social Science-Sociology, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 202 Sociology of Gender (3 crs)
• Credit may not be earned in both SOC 202 and WGSS 202.
Explores sexism and cisgender privilege in social institutions in the U.S. and globally using a social constructionist and intersectional approach.
Attributes: GE IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 242 Contemporary Social Problems (3 crs)
Sociological perspectives are applied to the identification, analysis, explanations, and solutions to social problems of contemporary American society.
Attributes: GE IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 291 Special Topics—Issues in Sociology (3 crs)
• A sum total of nine credits of SOC 291 and SOC 491 may be counted toward the major and six credits toward the minor. Topic must differ to repeat.
A close examination of a topic selected because of special interest on the part of students or faculty. Sample topics include: Sociology of Sport, Environmental Sociology, and Sociology of Youth.
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 301 Environmental Sociology (3 crs)
Prerequisite: SOC 101
• No credit if taken after SOC 491 when offered as Environmental Sociology.
The course reviews sociological theories that explain environmental changes; it concentrates on sociological causes, consequences, and responses to such environmental challenges as climate change, ozone depletion, acid rain, land-air-water pollution, deforestation, desertification, and interstate and intrastate conflicts.
Attributes: GE IIIF Social Science-Sociology, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 304 Sociology of the Middle East (3 crs)
Prerequisite: SOC 101
• No credit if taken after SOC 491 when offered as Environmental Sociology.
The course reviews the relationships among the state, society and the environment in the Middle East. It examines the region’s security, resources, challenges, conflicts and potential peace-making from an ecological perspective.
Attributes: GE IIIF Social Science-Sociology, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 310 Principles of Demography (3 crs)
Size, composition, and spatial distribution of human populations; changes resulting from demographic and other social processes; consequences for human welfare, implications for population policies.
Attributes: GE IIIF Social Science-Sociology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SOC 312 Race and Ethnicity in the U.S. (3 crs)
Prerequisite: SOC 101
Causes and consequences of prejudice, racism, and discrimination. Examination of minority status of African Americans, Native Americans, Hispanic Americans, and Asian Americans. Contrast to European ancestry groups.
Attributes: Cultural Diversity 3 cr., GE IIIF Social Science-Sociology, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 314 Social Class and Inequality (3 crs)
Prerequisite: SOC 101
Examination of the extent, causes, impact, and theoretical explanations for social inequality with an emphasis on social class; includes examinations of power relations, social mobility, poverty, race, and gender.
Attributes: Cultural Diversity 1 cr., GE IIIF Social Science-Sociology, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 316 Sociology of Family (3 crs)
Prerequisite: SOC 101
Credit may not be earned in both SOC 316 and WMNS 316.
Examines research and theory on families in the U.S. Emphasis on variations in families, recent changes, and prospects for the future.
Attributes: GE IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 321 The Individual in Society (3 crs)
Prerequisite: SOC 101
Ethnomethodological, symbolic interactionist, and other microsociological approaches to the social psychological study of the individual in interaction and society. Topics covered include identity, reasoning, emotion, gender differences, and face-to-face interaction.
Attributes: GE IIIF Social Science-Sociology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 328 Sociological Data Analysis (3 crs)
Prerequisite: Fulfillment of Arts & Sciences B.A. Mathematics Competency Requirement; SOC 101. Limited to sociology majors and minors, and criminal justice majors.
An introduction to widely used techniques of analyzing sociological data. Attention to statistical description, statistical inference, graphic presentation, and interpretation of results.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 330 Sociological Theory (3 crs)
Prerequisite: SOC 101. Limited to sociology majors and minors.
Part I of the theory-methods sequence. Reviews sociological theory from classical through contemporary times. Examples of modern research are used to serve as a foundation for student work developing theoretically grounded research questions.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 332 Sociological Research Methods (4 crs)
Prerequisite: SOC 330. Limited to sociology majors and minors or Social Studies, Broadfield Teaching Sociology emphasis majors
Criminal justice majors may enroll if they have completed CRMJ 301.
Part II of theory-methods sequence. Covers principles, techniques, and practice of scientific research, with emphasis on quantitative survey methods.
Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

SOC 333 Qualitative Research Methods in Sociology (3 crs)
Prerequisite: SOC 101 and two upper division SOC courses.
Introduction to qualitative research methods in sociology such as participant observation, unstructured interviews, postmodern and deconstructionist analysis, text analysis, participatory action research, feminist approaches, visual sociology, and conversation analysis.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 351 Sociology of Deviance (3 crs)
Prerequisite: SOC 101
Sociological perspectives are used to enhance the understanding of deviance as human behavior in the social context. The causes and consequences of the various forms of deviance are examined. Social action programs to control, manage and prevent deviance are presented, analyzed, and evaluated.
Attributes: GE IIIF Social Science-Sociology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 360 Sociology of Culture (3 crs)
Prerequisite: SOC 101
Analysis of the symbolic dimension of social life, focusing on the arts, music, media, language, religion, cognition, subcultures, and inequality.
Attributes: LE-I1 Integration
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SOC 364 Social Gerontology (3 crs)
Prerequisite: SOC 101
Focuses on the social aspects of aging. Examines research and theories in the field, social structural influences on the aging process, and the social experiences and relationships of older people.

Attributes: GE III F Social Science-Sociology, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 366 Society in Contemporary China (3 crs)
Prerequisite: SOC 101
This course provides an in-depth perspective on contemporary Chinese society including its governmental hierarchy, modernization drive, regionalism and social issues, as well as the social context in terms of history, culture, religion, and ecological and demographic constraints.

Attributes: Foreign Culture
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 395 Directed Studies (1-3 crs)
Prerequisite: Six credits in sociology. Minimum resident GPA of 2.50. Consent: Department Consent Required
Directed study of a sociological problem approved by the supervising instructor and department chair.
Repeat: Course may be repeated

SOC 399 Independent Study - Juniors (1-3 crs)
Consent: Department Consent Required
An intensive study of a sociological topic resulting in a quality paper or report.
Repeat: Course may be repeated

SOC 405 Sociology of Work and Occupations (3 crs)
Prerequisite: SOC 101. Credit may not be earned in both SOC 385 and SOC 405. The course will provide an in-depth look at the nature of work and occupations including the general history of work, the basic types of work and structure of occupations, current employment trends, issues of inequality and work, problems of work/life balance, and policy issues associated with work.

Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

SOC 410 Sociology of Education (3 crs)
Prerequisite: SOC 101
Education as a social process and institution. Examines key theoretical and research contributions, social inequality, and public policy.

Grading Basis: No Auditors
Lab/Studio Hours: 0
Seminar Hours: 3

SOC 415 Social Movements (3 crs)
Prerequisite: SOC 101. No credit if taken after SOC 491 with the same topic. The course examines past and contemporary efforts by people to bring about or resist social change. Topics include the origins of social movements, their members, resources, and tactics, and causes of success or failure.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 419 Sociology of Women (3 crs)
Prerequisite: SOC 101
Credit may not be earned in both SOC 419 and WGS 419.
Sociological analysis of gender oppression in interactions, organizations and institutions. Examines local and global gender inequities.

Attributes: Cultural Diversity 1 cr.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 426 Sociology of Sexualities (3 crs)
Prerequisite: SOC 101
Credit may not be earned in both SOC 426 and WGS 426.
Using a sociological framework this course critically examines how society influences sexual beliefs, behaviors, and identities. The relationship between sexuality and the social institutions of family, education, government, medicine, religion, and media is studied.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 490 Sociology Capstone (3 crs)
Prerequisite: SOC 332. Limited to sociology majors. Minimum of 18 credits of sociology. This course enables majors to integrate the skills and knowledge obtained through the major and their coursework. Students synthesize basic research and applied components of the discipline.

Attributes: LE-I Integration, Capstone Course
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 491 Special Topics (3 crs)
Prerequisite: SOC 101. Minimum junior standing.
A sum total of nine credits of SOC 291 and SOC 491 may be counted toward the major and six credits toward the minor.
Intensive study of a topic selected because of special interest on the part of students or faculty. Topics include: Gender and Work, Medical Sociology, Marital Adjustment, and Divorce.
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SOC 492 Honors Seminar in Sociology (1 cr)
Prerequisite: Limited to sociology majors. Resident, total, and departmental GPAs of 3.50 or higher, and acceptance of student into Honors Program.
Consent: Department Consent Required
Design and reports of in-depth original study of selected sociological problems by students in Honors Program.
Repeat: Course may be repeated
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SOC 496 Research Apprenticeship in Sociology (1-3 crs)
Prerequisite: 3.00 GPA in sociology courses with a minimum of six credits.
Consent: Instructor Consent Required
Qualified students, supervised by faculty, engage in collaborative research with faculty. Research apprenticeship activities may include interviews, observations, and questionnaire construction; variable measurement; data collection, coding, analysis; secondary data analysis; interpretation of data.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

SOC 497 Student Academic Apprenticeship in Sociology (1-3 crs)
Prerequisite: Minimum of 15 credits in sociology; 3.00 GPA in SOC courses; completion of the course (or equivalent) in which assisting with a minimum of a B+.
Consent: Instructor Consent Required
Qualified students, supervised by faculty, facilitate teaching and learning in a specific course or courses. Teaching apprenticeship activities may include holding discussion/review sessions; class presentations; tutoring individual students; answering student questions.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

SOC 498 Sociology Internship (1-6 crs)
Prerequisite: 12 credits in sociology. Formal application with the instructor and department chair must be completed before registering for the course.
Consent: Department Consent Required
A field experience course which integrates principles of sociology with work in an organization. Joint supervision by instructor and field representative.
Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits

SOC 499 Independent Study - Seniors (1-3 crs)
Consent: Department Consent Required
An intensive study of a sociological topic resulting in a quality paper or report.
Repeat: Course may be repeated

SOC 514 Social Class and Inequality (3 crs)
Prerequisite: SOC 101
Consent: Department Consent Required
• Cross-listed with SOC 314. Credit may not be earned in both courses.
Examination of the extent, causes, impact, and theoretical explanations for social inequality with an emphasis on social class; includes examinations of power relations, social mobility, poverty, race, and gender.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 564 Social Gerontology (3 crs)
Prerequisite: SOC 101
Consent: Department Consent Required
• Cross-listed with SOC 364. Credit may not be earned in both courses.
Focuses on the social aspects of aging. Examines research and theories in the field, social structural influences on the aging process, and the social experiences and relationships of older people.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 791 Current Topics in Sociology (3 crs)
Prerequisite: SOC 101
Consent: Department Consent Required
Areas of contemporary concern to faculty which develop general social understanding and enrich the lives of professionals, graduate students, and other interested adult members of the community.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Spanish (SPAN)
SPAN 101 Beginning Spanish I (4 crs)
Prerequisite: Placement test required.
A foundation in spoken and written Spanish, listening and reading comprehension, grammatical usage, and cultural backgrounds.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1
SPAN 102 Beginning Spanish II (4 crs)
Prerequisite: SPAN 101 or suitable placement score on Spanish Placement Exam.
Continuation of Spanish 101.
Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

SPAN 201 Intermediate Spanish I (4 crs)
Prerequisite: SPAN 102 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 201 and SPAN 231.
Review of Spanish grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of the cultures of the Spanish-speaking world through a variety of topics.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

SPAN 202 Intermediate Spanish II (4 crs)
Prerequisite: SPAN 201 or SPAN 231 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 202 and SPAN 232.
Continuation of Spanish 201.
Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

SPAN 250 Valladolid Orientation (1 cr)
Prerequisite: Acceptance in the Valladolid Study Abroad Program and two years college Spanish or equivalent.
Preparation for study at the Universidad de Valladolid (Spain). Presentations by faculty and "Valladolid veterans.
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

SPAN 301 Advanced Composition (3 crs)
Prerequisite: SPAN 202 or SPAN 232.
Grammar review with emphasis on sentence and paragraph structure. Students will review the use of all the tenses in the indicative and subjunctive and the proper use of pronouns, linkwords, and prepositions.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 302 Advanced Conversation and Composition (3 crs)
Prerequisite: SPAN 301
Advanced conversation, reading and composition practice on current topics as present in Spanish written, broadcast, and internet media.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 325 Phonetics and Pronunciation (3 crs)
Prerequisite: SPAN 301
Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

SPAN 340 Spanish for Business (3 crs)
Prerequisite: SPAN 301 or consent of instructor.
Introduction to the Spanish business environment, including grammar review and specialized vocabulary. Taught entirely in Spanish.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 352 Latin American Civilization (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354, SPAN 351 or SPAN 354.
• Credit may not be earned in both SPAN 352 and LAS 352.
Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.
Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 354 Latin American Civilization: Regional Focus (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit after LAS 352, SPAN 351, 352
• Credit may not be earned in both SPAN 354 and LAS 354. To be taught only in a study abroad program in Latin America. Restricted to semester-long regional civilization courses.
Introduction to the historical background necessary for comprehending contemporary Latin America through a regional focus. Analysis of current social, political, and economic issues, with consideration of influential personalities in a region of present-day Latin American society.
Attributes: Foreign Culture, GE IVD Humanities-Literature
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 355 Spanish Civilization to 1900 (3 crs)
Prerequisite: SPAN 302 or consent of instructor.
A study of the country and its peoples from the cave paintings of Altamira to the Spanish American War. Emphasis on geography, history, religion, and the arts.
Attributes: GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SPAN 356 Contemporary Spain (3 crs)
Prerequisite: SPAN 302 or consent of instructor.
Spanish history and civilization from Alfonso XIII through the Civil War and Franco years to democracy. Emphasis on life in contemporary Spain and Spain’s role in the world.
Attributes: GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 360 Survey of Hispanic Linguistics (3 crs)
Prerequisite: SPAN 302 and SPAN 325 or SPAN 326 or consent of instructor.
This course explores the structure of the Spanish language. Specific offerings examine one or more areas of linguistic research about the Spanish language.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 363 Survey of Spanish Peninsular Literature (3 crs)
Prerequisite: SPAN 302
• This course is recommended to be taken after study abroad.
Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.
Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 367 Survey of Latin American Literature (3 crs)
Prerequisite: SPAN 302
• Credit may not be earned in both SPAN 367 and LAS 367. This course is recommended to be taken after study abroad.
Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.
Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 385 Spanish Literature from Unamuno to Garcia Lorca (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.
Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 386 Contemporary Spanish Literature (3 crs)
Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.
Continuation of Spanish 385. Spanish writers since 1940.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 395 Directed Studies (1-3 crs)
Consent: Department Consent Required
Study of a problem or special area in the culture, language, or literature of the Spanish-speaking world, approved by the supervising instructor and the department chair.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

SPAN 399 Independent Study - Juniors (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

SPAN 405 Advanced Conversation (3 crs)
Prerequisite: SPAN 355 or 356 or 363 or SPAN/LAS 352 or SPAN/LAS 367
Intensive practice in Spanish conversation to promote fluency and correctness.
Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 409 The Craft of Translation (3 crs)
Prerequisite: SPAN 302
A practical course designed to show that each language is more than the sum of its words. Intensive practice of translation from and into both Spanish and English. Some reading on translation techniques and practices.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 410 Advanced Grammar (3 crs)
Prerequisite: SPAN 302
Advanced study of vocabulary, idioms, and grammar based on selected model written texts.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 418 Spanish Sociolinguistics in Latin America/USA (3 crs)
Prerequisite: SPAN 360 or consent of instructor. SPAN 352/LAS 352 highly recommended.
• Credit may not be earned in both SPAN 418 and LAS 418.
Addresses theoretical foundations of sociolinguistic variation in Spanish-speaking communities, interplay of social and linguistic factors on dialectal variation of Latin American Spanish, and sociolinguistic methods for data collection.
Lab/Studio Hours: 0
Seminar Hours: 3
SPAN 420 Spanish for Health Professions (3 crs)
Prerequisite: SPAN 302
Discussions related to health care organizations in the Spanish speaking countries, and practice of specialized medical terminology. Techniques and problems of interpretation from Spanish to English and vice versa: meaning, use, and theories.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 440 Spanish Business Writing (3 crs)
Prerequisite: SPAN 302
The goal of the course is to prepare students for business writing according to the guidelines and usage of correspondence in Spanish.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 475 Topics in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or LAS 367/SPAN 367 or consent of instructor.
• Credit may not be earned in both SPAN 475 and LAS 475.
In-depth study of a particular area in Latin American literature.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 476 The Novel in Latin America I: 1850-1950 (3 crs)
Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both SPAN 476 and LAS 476.
Study of the most important novelists of Latin America, from 1850 to 1950.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 477 The Novel in Latin America II: 1950-Present (3 crs)
Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both SPAN 477 and LAS 477.
Continuation of Spanish/Latin American Studies 476. Covers period from 1950 to the present.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 478 Latin American Modernismo (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.
• Credit may not be earned in both SPAN 478 and LAS 478. No credit if take after SPAN 475/675/LAS 475/675 when offered as El Modernismo.
A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 480 Latin American Literature and Film (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367.
• Credit may not be earned in both SPAN 480 and LAS 480.
This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 482 Women in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367.
• Credit may not be earned in both SPAN 482 and WGSS 482.
This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.
Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 491 Special Topics (1-3 crs)
Prerequisite: SPAN 355 or SPAN 356 or SPAN 363; or SPAN 352/LAS 352, or SPAN 367/LAS 367, or consent of instructor.
• See current Class Schedule for specific topic.
In-depth study of a special area in the language, cultures, or literatures of the Spanish-speaking world.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 492 Seminar in Hispanic Linguistics Research (3 crs)
Prerequisite: SPAN 360 and SPAN 418/LAS 418 or consent of instructor.
This course covers theory and practice of linguistic research on a general theme. Students design and carry out research projects, choosing language problems and research methodology tied to the theme.
Lab/Studio Hours: 0
Seminar Hours: 3
SPAN 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

SPAN 525 Phonetics and Pronunciation (3 crs)
Prerequisite: SPAN 301
  • Cross-listed with SPAN 325. Credit may not be earned in both courses.
Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

SPAN 552 Latin American Civilization (3 crs)
Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354, SPAN 351, 354.
  • Cross-listed with SPAN 352 and LAS 352/LAS 552. Credit may only be earned in one of these courses.
Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 563 Survey of Spanish Peninsular Literature (3 crs)
Prerequisite: SPAN 302
  • Cross-listed with SPAN 363. Credit may not be earned in both courses. This course is recommended to be taken after study abroad.
Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 567 Survey of Latin American Literature (3 crs)
Prerequisite: SPAN 302 or consent of instructor.
  • Cross-listed with SPAN 367 and LAS 367/LAS 567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.
Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 585 Spanish Literature from Unamuno to Garcia Lorca (3 crs)
Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.
  • Cross-listed with SPAN 385. Credit may not be earned in both courses.
Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 586 Contemporary Spanish Literature (3 crs)
Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367/SPAN 567/LAS 567, or consent of instructor.
  • Cross-listed with SPAN 386. Credit may not be earned in both courses.
Continuation of Spanish 385/585. Spanish writers since 1940.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
  • Cross-listed with SPAN 395.
Study of a problem or special area in the culture, language, or literature of the Spanish-speaking world, approved by the supervising instructor and the department chair.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

SPAN 609 The Craft of Translation (3 crs)
Prerequisite: SPAN 302
  • Cross-listed with SPAN 409. Credit may not be earned in both courses.
A practical course designed to show that each language is more than the sum of its words. Intensive practice of translation from and into both Spanish and English. Some reading on translation techniques and practices.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 610 Advanced Grammar (3 crs)
Prerequisite: SPAN 302
  • Cross-listed with SPAN 410. Credit may not be earned in both courses.
Advanced study of vocabulary, idioms, and grammar based on selected model written texts.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SPAN 620 Spanish for Health Professions (3 crs)
Prerequisite: SPAN 302
- Cross-listed with SPAN 420. Credit may not be earned in both courses.

Discussions related to health care organizations in the Spanish speaking countries, and practice of specialized medical terminology. Techniques and problems of interpretation from Spanish to English and vice versa: meaning, use, and theories.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 675 Topics in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or LAS/SPAN 367 or consent of instructor.
- Cross-listed with SPAN 475 and LAS 475/LAS 675.

In-depth study of a particular area in Latin American literature.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 676 The Novel in Spanish America I: 1850-1950 (3 crs)
Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 367/LAS 567, or consent of instructor.
- Cross-listed with SPAN 476 and LAS 476/LAS 676. Credit may only be earned in one of these courses.

Study of the most important novelists of Spanish America, from 1850 to 1950.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 677 The Novel in Latin America II: 1950-Present (3 crs)
Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 367/LAS 567, or consent of instructor.
- Cross-listed with SPAN 477 and LAS 477/LAS 677. Credit may only be earned in one of these courses.

Continuation of SPAN 476/SPAN 676 / LAS 476/LAS 676. Covers period from 1950 to the present.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 678 Latin American Modernismo (3 crs)
Prerequisite: SPAN 363, or SPAN/LAS 367, or consent of instructor.
- Cross-listed with SPAN 478 and LAS 478/LAS 678. Credit may only be earned in one of these courses. No credit if taken after SPAN 475/675/LAS 475/675 when offered as EL Modernismo.

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 680 Latin American Literature and Film (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 367/LAS 567.
- Cross-listed with SPAN 480 and LAS 480/LAS 680. Credit may only be earned in one of these courses.

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 682 Women in Latin American Literature (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.
- Cross-listed with SPAN 482 and WGSS 482/WGSS 682. Credit may only be earned in one of these courses.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 684 Latin American Poetry (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 367/LAS 567, or consent of instructor.
- Cross-listed with SPAN 484 and LAS 484/LAS 684. Credit may only be earned in one of these courses.

This course is an in-depth study of the poetry of Latin America from the 19th century to the present. Taught entirely in Spanish.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 686 Latin American Visual Arts (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 367/LAS 567, or consent of instructor.
- Cross-listed with SPAN 486 and LAS 486/LAS 686. Credit may only be earned in one of these courses.

This course is an in-depth study of the visual arts of Latin America from the 19th century to the present. Taught entirely in Spanish.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPAN 691 Special Topics (1-3 crs)
Prerequisite: SPAN 352 or SPAN 355 or SPAN 356 or SPAN 363 or SPAN 367 or SPAN 552 or SPAN 563 or SPAN 567 or LAS 367 or LAS 352 or LAS 367 or LAS 552 or LAS 563 or SPAN 567 or consent of instructor.
- Cross-listed with SPAN 491. See current Class Schedule for specific topic.

In-depth study of a special area in the language, cultures, or literatures of the Spanish-speaking world.
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

SPAN 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Independent study projects under direction of faculty members.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

Special Education (SPED)

SPED 200 Introduction to Diverse Learners (3 crs)
Survey of the education of children with communication disorders, intellectual disabilities, sensory and physical disabilities, specific learning disabilities, and emotional behavior disabilities.
Attributes: LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
<th>Description</th>
<th>Attributes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 205</td>
<td>School and Community Experience in Special Education (3 crs)</td>
<td>Prerequisite: Grade of B- (B minus) or above in SPED 200.</td>
<td>The student will observe, participate, and reflect based on experiences with pre-elementary or elementary/secondary students. Lectures, discussion, and school experiences will facilitate career decision. Student completes approximately 50 hours of observation.</td>
<td>Attributes: Special Course Fee Required</td>
<td>Lecture/Discussion: 0.5, Lab/Studio: 2.5</td>
</tr>
<tr>
<td>SPED 210</td>
<td>Introduction to Intellectual Disabilities (3 crs)</td>
<td>Prerequisite: SPED 200</td>
<td>This course studies the causes and characteristics of intellectual disabilities. Social, educational, and vocational issues are also discussed.</td>
<td></td>
<td>Lecture/Discussion: 3, Lab/Studio: 0</td>
</tr>
<tr>
<td>SPED 300</td>
<td>Inclusive Practices for Secondary Educators (2 crs)</td>
<td>Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. - Limited to secondary education majors. NOTE: Upper division courses required of special education majors carry the prerequisite of admission to the student’s professional program.</td>
<td>Surveys characteristics of diverse learners including students with disabilities, cultural differences, gifts/talents, and at-risk concerns. Provides knowledge and practice regarding the secondary educator’s role related to special education processes, professional collaboration, and curricular adaptations/modifications.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td>Lecture/Discussion: 2, Lab/Studio: 0</td>
</tr>
<tr>
<td>SPED 301</td>
<td>Observation and Participation with Students without Disabilities in Educational Programs (3 crs)</td>
<td>Prerequisite: SPED 200 and SPED 205. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 301. - SPED 301 may not be substituted for ES 203.</td>
<td>Fieldwork with children without disabilities in order to acquire a more complete understanding of typical and atypical child growth/development, and general education curriculum. Experience is required by Wisconsin DPI. Student completes approximately 70 hours.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td>Lecture/Discussion: 1, Lab/Studio: 2</td>
</tr>
<tr>
<td>SPED 306</td>
<td>Behavior Management (3 crs)</td>
<td>Prerequisite: SPED 200, or SPED 300, or SPED 400 or consent of instructor.</td>
<td>Limited to teaching majors admitted to College of Education and Human Sciences. Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.</td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td>Lecture/Discussion: 3, Lab/Studio: 0</td>
</tr>
<tr>
<td>SPED 330</td>
<td>Introduction to Specific Learning Disabilities (3 crs)</td>
<td>Prerequisite: SPED 200 or SPED 300 or SPED 400; or junior standing for CSD majors, or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences; CSD and school psychology students may also enroll.</td>
<td>Survey course of causes, educational problems, and intervention programs associated with specific learning disabilities.</td>
<td></td>
<td>Lecture/Discussion: 3, Lab/Studio: 0</td>
</tr>
<tr>
<td>SPED 331</td>
<td>Special Education Procedures and General Methods (2 crs)</td>
<td>Prerequisite: SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550; or consent of instructor. May be taken concurrently with SPED 330/530. Limited to teaching majors admitted to College of Education and Human Sciences. This course is designed to provide a basic knowledge of special education procedures as outlined by current federal legislation. General methods related to planning, managing, delivering, and evaluating instruction in a special education classroom are presented.</td>
<td></td>
<td>Attributes: Undergraduate/Graduate Offering</td>
<td>Lecture/Discussion: 2, Lab/Studio: 0</td>
</tr>
<tr>
<td>SPED 335</td>
<td>Assessment and Intervention for Students with Mild Disabilities (3 crs)</td>
<td>Prerequisite: SPED 306/SPED 506 and SPED 331/SPED 531. Limit to teaching majors admitted to College of Education and Human Sciences. Consent: Instructor Consent Required</td>
<td>A structured clinical experience in which candidates assess and teach academics to children who are struggling or have mild disabilities. Candidates conduct multiple assessments, identify student needs, plan and inform instruction, and summarize student progress.</td>
<td>Attributes: Service-Learning, Full 30 Hours</td>
<td>Lecture/Discussion: 1, Lab/Studio: 5</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Co-requisites</td>
<td>Attributes</td>
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<tr>
<td>SPED 350</td>
<td>Introduction to Emotional/Behavioral Disabilities</td>
<td>3 crs</td>
<td>SPED 200 or SPED 300/SPED 500 or SPED 400/SPED 600 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.</td>
<td>Survey course of characteristics, causes, and intervention in relation to the education of students with emotional behavioral disabilities. Focus is on historical, theoretical, and current issues impacting school-based practice.</td>
<td>Undergraduate/Graduate Offering</td>
</tr>
<tr>
<td>SPED 400</td>
<td>Inclusive Practices for Elementary Educators</td>
<td>3 crs</td>
<td>Limited to elementary education majors admitted to College of Education and Human Sciences. Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program or consent of instructor.</td>
<td>Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.</td>
<td>Undergraduate/Graduate Offering</td>
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<tr>
<td>SPED 401</td>
<td>Assessment of Students with Disabilities</td>
<td>3 crs</td>
<td>SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550, and SPED 331/SPED 531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.</td>
<td>Undergraduate/Graduate Offering</td>
<td>3</td>
</tr>
<tr>
<td>SPED 402</td>
<td>Collaboration and Consultation</td>
<td>2 crs</td>
<td>SPED 200 and SPED 331/SPED 531 and SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550. Limited to teaching majors admitted to College of Education and Human Sciences. Provides students with knowledge and skills related to collaboration and consultation with parents, school personnel, and agencies. Family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be covered.</td>
<td>Undergraduate/Graduate Offering</td>
<td>2</td>
</tr>
<tr>
<td>SPED 404</td>
<td>Pre-Student Teaching Experience with Individuals with Mild Disabilities</td>
<td>3 crs</td>
<td>SPED 306/SPED 506 and SPED 331/SPED 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/SPED 631. Pre-student teaching experience with children and adolescents with disabilities in K-8 environments. Assignments are in conjunction with SPED 431. Student completes approximately 90 hours of observation/teaching.</td>
<td>Undergraduate/Graduate Offering</td>
<td>1</td>
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<tr>
<td>SPED 414</td>
<td>Special Vocational Support Strategies</td>
<td>3 crs</td>
<td>SPED 416/SPED 616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.</td>
<td>Undergraduate/Graduate Offering</td>
<td>3</td>
</tr>
<tr>
<td>SPED 416</td>
<td>Career Education and Transition</td>
<td>2 crs</td>
<td>SPED 335 or SPED 404/SPED 604; SPED 431/SPED 631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434. This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with disabilities for approximately 35 hours.</td>
<td>Undergraduate/Graduate Offering</td>
<td>1</td>
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<tr>
<td>SPED 417</td>
<td>Curriculum and Methods for Students with Moderate or Severe Disabilities</td>
<td>3 crs</td>
<td>SPED 210 or SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe intellectual disabilities.</td>
<td>Undergraduate/Graduate Offering</td>
<td>3</td>
</tr>
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SPED 423 Characteristics and Interventions for Young Children with Low Incidence Disabilities (3 crs)
Prerequisite: Grade of B- or above in SPED 200, grade of B- or above in SPED 210 or UEC 220. Limited to teaching majors admitted to the College of Education and Human Sciences. Limited to SPED, UEC majors admitted to the College of Education and Human Sciences.
This course will emphasize medical/instructional needs for the care of young children with health conditions, orthopedic impairments, as well as characteristics/interventions for teaching young children with Autism, multiple disabilities, and children with challenging behavior.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 431 Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities (3 crs)
Prerequisite: SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404.
• SPED 335 substitutes for SPED 404.
This course focuses on research-based methods for assessment, instruction, and remediation of reading and written expression for elementary-age students with mild disabilities. The course includes applied activities and occurs concurrently with a field experience.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 432 Language Development and Intervention for Students with Disabilities (3 crs)
Prerequisite: SPED 401. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
Theoretical models and strategies for assessing and teaching language skills to students with disabilities.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 434 Secondary Methods for Students with Mild Disabilities (2 crs)
Prerequisite: SPED 335 or SPED 404, and SPED 431. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416.
This course will provide the student with knowledge about secondary methods used in reading, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 436 Mathematics Methods for Students with Mild Disabilities (2 crs)
Prerequisite: SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.
This mathematics course addresses methods for teaching students with mild disabilities. Topics such as, number sense, concrete representation for mathematical concepts, understanding basic operations, and applying assessments to remediate mathematical difficulties will be covered.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 435 Behavioral Assessment and Planning (1 cr)
Prerequisite: SPED 306/SPED 506 and SPED 401/SPED 601; or consent of instructor.
This course will focus on the development of knowledge and skills in the areas of implementing a functional behavior assessment (FBA) and creating a behavior intervention plan (BIP) based on FBA results.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

SPED 455 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities (3 crs)
Prerequisite: SPED 306/SPED 506, SPED 350/SPED 550, and SPED 401/SPED 601; or consent of instructor.
This course will assist in the development of knowledge and skills in the areas of social skills training, behavioral techniques, instructional strategies, and collaboration for delivery of intensive behavioral techniques for students with emotional/behavioral disabilities.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 465 Child Abuse and Neglect: Educational Implications (3 crs)
Provides professionals with basic information relative to identifying and reporting suspected cases of child abuse and neglect, effects of abuse and neglect upon the child's total school performance, the role of community agencies, and the school's role in prevention.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 470 Student Teaching in Special Education (6 crs)
• Admission to professional semester and department approval.
Student teaching in special education class all day for one-half semester or half days for one semester.
Repeat: Course may be repeated for a maximum of 12 credits
SPED 471 Student Teaching in Special Education (3-6 crs)
Prerequisite: Limited to special education majors admitted to College of Education and Human Sciences.
Consent: Department Consent Required
• Teacher licensure, admitted to special education program, completed methods courses, and departmental approval. On-the-job practica have additional eligibility requirements.

Intended for teachers already certified who are seeking additional licensure; student teaching experience specially designed for the student.

Repeat: Course may be repeated for a maximum of 18 credits

SPED 472 Student Teaching in Special Education (3 crs)
Consent: Department Consent Required
• Admission to professional semester.

Student teaching in special education for students seeking to extend a certification.

Repeat: Course may be repeated for a maximum of 6 credits

SPED 474 Student Teaching with Students with Disabilities (1-3 crs)
Consent: Department Consent Required
Supervised student teaching for post baccalaureate students seeking additional certification.

Repeat: Course may be repeated for a maximum of 3 credits

SPED 475 Internship Teaching (6-12 crs)
Consent: Department Consent Required
• Admission to the professional semester and departmental approval is required.

Students with a major in special education with dual certification in elementary education may register for an internship of six credits in special education (SPED 475) and six credits in elementary education (ES 440).

The intern is a paid contractual member of a public school staff who spends an entire semester in a school system, including the opening and closing periods.

Attributes: Internship, Special Course Fee Required

SPED 476 Professional Practices in Special Education (2 crs)
Prerequisite: Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of SPED department.
Limited to teaching majors admitted to the College of Education and Human Sciences.
• Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of Special Education department.

Provides a capstone experience in special education. Students organize and synthesize information from professional coursework, maintain and utilize a professional portfolio, and design curricular and behavioral interventions consistent with federal law and state regulations.

Attributes: LE-11 Integration, LE-53 Creativity, Capstone Course, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 477 Reading Assessment and Intervention in Practicum (1 cr)
Prerequisite: SPED 476
Capstone experience requiring the use of assessment tools and practices for planning and evaluating reading needs. Students will analytically evaluate reading progress through the use of lesson planning and progress monitoring focused on PK-8 environments.

Grading Basis: A-F Grades Only
Field Practicum Hours: 1

SPED 495 Directed Studies in Special Education (1-3 crs)
Consent: Department Consent Required
• Arranged by department in response to need.

Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

SPED 499 Independent Study (1-3 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Minimum junior standing.
Consent: Department Consent Required
Permits a student to study a special problem or issue.

Repeat: Course may be repeated

SPED 500 Inclusive Practices for Secondary Educators (2 crs)
Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.
• Limited to secondary education majors. NOTE: Upper division courses required of special education majors carry the prerequisite of admission to the student's professional program. Cross-listed with SPED 300. Credit may not be earned in both courses.

Surveys characteristics of diverse learners including students with disabilities, cultural differences, gifts/talents, and at-risk concerns. Provides knowledge and practice regarding the secondary educator's role related to special education processes, professional collaboration, and curricular adaptations/modifications.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
SPED 501 Observation and Participation with Students without Disabilities in Educational Programs (3 cr)
Prerequisite: SPED 200 and SPED 205. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 301/ES 501.

- Cross-listed with SPED 501. Credit may not be earned in both courses.

Fieldwork with children without disabilities in order to acquire a more complete understanding of typical and atypical child growth and development, and general education curriculum. Experience is required by Wisconsin DPI.

Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 506 Behavior Management (3 cr)
Prerequisite: SPED 200, or SPED 300, or SPED 400, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with SPED 306. Credit may not be earned in both courses.

Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 530 Introduction to Specific Learning Disabilities (3 cr)
Prerequisite: SPED 200, or SPED 300, or SPED 400 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Communication Sciences and Disorders (CSD) and school psychology students may also enroll.

- Cross-listed with SPED 330. Credit may not be earned in both courses.

Survey course of causes, educational problems, and intervention programs associated with specific learning disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 531 Special Education Procedures and General Methods (2 cr)
Prerequisite: SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550; or consent of instructor. May be taken concurrently with SPED 330/SPED 530. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with SPED 331. Credit may not be earned in both courses.

This course is designed to provide a basic knowledge of special education procedures as outlined by current federal legislation. General methods related to planning, managing, delivering, and evaluating instruction in a special education classroom are presented.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 550 Introduction to Emotional/Behavioral Disabilities (3 cr)
Prerequisite: SPED 200 or SPED 300/SPED 500 or SPED 400 or SPED 600 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with SPED 350. Credit may not be earned in both courses.

Survey course of characteristics, causes, and intervention in relation to the education of students with emotional behavioral disabilities. Focus is on historical, theoretical, and current issues impacting school-based practice.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 600 Inclusive Practices for Elementary Educators (3 cr)
Prerequisite: Limited to elementary education (Middle Childhood through Early Adolescence or MCEA) majors admitted to College of Education and Human Sciences.

- Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program or consent of instructor. Cross-listed with SPED 400. Credit may not be earned in both courses.

Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 601 Assessment of Students with Disabilities (3 cr)
Prerequisite: SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550, and SPED 331/SPED 531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with SPED 401. Credit may not be earned in both courses.

Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 602 Collaboration and Consultation (2 cr)
Prerequisite: SPED 200 and SPED 331/SPED 531 and SPED 210 or UEC 220 or SPED 330/SPED 530 or SPED 350/SPED 550. Limited to teaching majors admitted to College of Education and Human Sciences.

- Cross-listed with SPED 402. Credit may not be earned in both courses.

Provides students with knowledge and skills related to collaboration and consultation with parents, school personnel, and agencies. Family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be covered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0
SPED 604 Pre-student Teaching Experience with Individuals with Disabilities (3 crs)
Prerequisite: SPED 306/SPED 506 and SPED 331/SPED 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/SPED 631.
  • Cross-listed with SPED 404. Credit may not be earned in both courses.
Pre-student teaching experience with children and adolescents with disabilities in K-8 environments. Assignments are in conjunction with SPED 431. Student completes approximately 90 hours of observation/teaching.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

SPED 614 Special Vocational Support Strategies (3 crs)
Prerequisite: SPED 416/SPED 616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
  • Cross-listed with SPED 414. Credit may not be earned in both courses.
Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 616 Career Education and Transition (2 crs)
Prerequisite: SPED 335 or SPED 404/SPED 604 and SPED 431/SPED 631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434.
  • Cross-listed with SPED 416. Credit may not be earned in both courses.
This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with disabilities for approximately 35 hours.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

SPED 617 Curriculum and Methods for Students with Moderate or Severe Disabilities (3 crs)
Prerequisite: SPED 210 or SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.
  • Cross-listed with SPED 417. Credit may not be earned in both courses.
Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe intellectual disabilities.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 623 Characteristics and Interventions for Young Children with Low Incidence Disabilities (3 crs)
Prerequisite: Grade of B- or above in SPED 200, grade of B- or above in SPED 210 or UEC 220. Limited to teaching majors admitted to the College of Education and Human Sciences. Limited to SPED, UEC majors admitted to the College of Education and Human Sciences.
  • Cross-listed with SPED 423. Credit may not be earned in both courses.
This course will emphasize medical/instructional needs for the care of young children with health conditions, orthopedic impairments, as well as characteristics/interventions for teaching young children with Autism, multiple disabilities, and children with challenging behavior.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 631 Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities (3 crs)
Prerequisite: SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404/SPED 604.
  • SPED 335 substitutes for SPED 404. Cross-listed with SPED 431. Credit may not be earned in both courses.
This course focuses on research-based methods for assessment, instruction, and remediation of reading and written expression for elementary-age students with mild disabilities. The course includes applied activities and occurs concurrently with a field experience.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 632 Language Development and Intervention for Students with Disabilities (3 crs)
Prerequisite: SPED 401/SPED 601. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.
  • Cross-listed with SPED 432. Credit may not be earned in both courses.
Theoretical models and strategies for assessing and teaching language skills to students with disabilities.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
**SPED 634 Secondary Methods for Students with Mild Disabilities (2 crs)**
Prerequisite: SPED 335/SPED 535 or SPED 404/SPED 604, and SPED 431/SPED 631. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416/SPED 616.

- Cross-listed with SPED 434. Credit may not be earned in both courses.

This course will provide the student with knowledge about secondary methods used in reading, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

**SPED 636 Mathematics Methods for Students with Mild Disabilities (2 crs)**

- Cross-listed with SPED 436. Credit may not be earned in both courses.

This mathematics course addresses methods for teaching students with mild disabilities. Topics such as, number sense, concrete representation for mathematical concepts, understanding basic operations, and applying assessments to remediate mathematical difficulties will be covered.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

**SPED 653 Behavioral Assessment and Planning (1 cr)**
Prerequisite: SPED 306/SPED 506, and SPED 401/SPED 601; or consent of instructor.

- Cross-listed with SPED 453. Credit may not be earned in both courses.

This course will focus on the development of knowledge and skills in the areas of implementing a functional behavior assessment (FBA) and creating a behavior intervention plan (BIP) based on FBA results.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

**SPED 655 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities (3 crs)**
Prerequisite: SPED 306/SPED 506, SPED 401/SPED 601, and SPED 350/SPED 550; or consent of instructor.

- Cross-listed with SPED 455. Credit may not be earned in both courses.

This course will assist in the development of knowledge and skills in the areas of social skills training, behavioral techniques, instructional strategies, and collaboration for delivery of intensive behavioral techniques for students with emotional/behavioral disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**SPED 665 Child Abuse and Neglect: Educational Implications (3 crs)**

- Cross-listed with SPED 465. Credit may not be earned in both courses.

Provides professionals with basic information relative to identifying and reporting suspected cases of child abuse and neglect, effects of abuse and neglect upon the child’s total school performance, the role of community agencies, and the school’s role in prevention.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**SPED 695 Directed Studies in Special Education (1-3 crs)**
Consent: Department Consent Required

- Cross-listed with SPED 495. Arranged by department in response to need.

Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat Course may be repeated
Grading Basis: No S/U Grade Option

**SPED 701 Motor Function in Individuals with Disabilities (3 crs)**

Theories, research, methods, and implementation of motor development programs for children and adolescents with disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**SPED 708 Introduction to Graduate Studies in Special Education (3 crs)**
Consent: Instructor Consent Required

Must be taken prior to taking 12 graduate credits in Master’s of Special Education (MSE) program.

Study of issues and trends in special education. Prepares students to be more effective graduate students by developing critical thinking and technical writing skills.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**SPED 711 Program Planning for Students with Disabilities (3 crs)**
Consent: Instructor Consent Required

Examination of alternative goals, objectives, curriculum, methods, and materials currently for use with students with disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SPED 729 Organization and Administration of Education Programs for Learners with Disabilities (3 crs)
Prepares teachers, related service personnel, and administrators to function proactively and successfully on behalf of learners with disabilities and their families through family, school, and community partnerships.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 731 Design of Academic and Social Skills Instruction in Special Education (3 crs)
Focuses on effective instruction for students with disabilities. Principles of instructional design lay the foundation for constructing, modifying, and evaluating academic and social skills curricula. Also examines the factors that influence curriculum change and reform.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 735 Intervention for Students with Academic or Social Needs (3 crs)
Prerequisite: SPED 401/SPED 601 and SPED 431/SPED 631 or consent of instructor.
Supervised experience teaching in a summer clinic. Use of curriculum-based assessment to monitor academic, social, and behavioral interventions with students who have academic or social needs.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 765 Behavior Mgmt Methods and Curriculum EBD (3 crs)
Prerequisite: SPED 306/SPED 506, SPED 350/SPED 550, SPED 401/SPED 601.
Focus on management techniques and instructional strategies for the more severely emotionally disturbed. Areas addressed include psychiatric disorders such as depression, school phobia, somatic disorders, personality disorders, and schizophrenia.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 775 Advanced Seminar and Practicum in Assessment (3 crs)
Prerequisite: SPED 401/SPED 601, or SPED 403/SPED 603, or consent of instructor.
Study of advanced skills, current trends, and issues in the assessment of children/youth with disabilities. Includes participation (one weekday per semester) in Human Development Center, educational assessment, report writing, and independent research.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 778 The Special Education Cooperating Teacher (3 crs)
Open to approved certified teachers
Designed to develop competencies in guidance and supervision of practicum with children with disabilities.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 779 Special Education Supervision Practicum (3 crs)
Prerequisite: SPED 778.
Current involvement in supervision.
Designed for cooperating teachers who have completed Sped 778, The Special Education Cooperating Teacher. Supervision competencies are developed through supervising student teachers in school settings.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 782 Special Education Law (3 crs)
Prerequisite: SPED 786
Consent: Department Consent Required
Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.
This intensive course is designed for graduate level students and addresses federal legislation, regulations, and process and litigation specifically related to special education. In-depth analysis of case law and the implications for the PK-12 education system emphasized.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 784 Issues and Trends in Special Education (2 crs)
Consent: Instructor Consent Required
Contemporary issues and trends in special education, including children’s rights, educational needs, practices, and programs.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 786 Systemic Leadership & Ethics (3 crs)
Consent: Department Consent Required
Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.
This course addresses leadership and administration of PK-12 special education programs. Operational responsibilities will be analyzed.
Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
SPED 787 Leadership in Special Education and Pupil Services (3 crs)
Prerequisite: SPED 782, 786
Consent: Department Consent Required
• Accepted into the Director of Special Education and Pupil Services Program or consent of the DSEPS program.

This course addresses the leadership, administration, and staffing of PK-12 special education and pupil services programs. Operational responsibilities, advocacy, due process, collaboration, and special education instructional leadership/related and pupil services provision will be analyzed.

Grading Basis: No S/U Grade Option
Lecture Hours: 3
Lab/Studio Hours: 0

SPED 788 Special Education and Pupil Services Budget & Finance (3 crs)
Prerequisite: SPED 782, SPED 786, SPED 787
Consent: Department Consent Required
• Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.

This course provides introductory exposure, understanding, principles, and practices to budget financing applications in special education and pupil services.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 789 Practicum: Leadership in Special Ed & Pupil Services (3 crs)
Prerequisite: SPED 782, 786, 787, 788
Consent: Department Consent Required
• Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.

Mentored field-based course (150 hours) designed to evaluate/analyze the school-based application of Special Education Director and/or Director of Pupil Services. Successful completion leads to recommendation for DPI 80 Licensure.

Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Practicum Hours: 3

SPED 793 Directed Studies in Education (1-3 crs)
• Approval of department chair and associate dean.

Group study, under the immediate supervision of a Department of Special Education staff member, of a defined problem or issue not covered in existing courses.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

SPED 795 Research Paper (1-2 crs)
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

SPED 797 Independent Study (1-3 crs)
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

SPED 799 Thesis (1-6 crs)
• Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.
Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

Theatre Arts (THEA)

THEA 101 Theatre Appreciation (3 crs)
• No credit toward theatre arts majors.

A study of the process of theatrical production—from page to the stage—and its relevance as a form of cultural expression in the contemporary world.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 121 Introduction to Technical Theatre (3 crs)
Theory and practical application in basic phases of technical theatre production, including scenic, electric, and costume construction.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

THEA 123 Voice and Diction (3 crs)
Study of voice and articulation for actors and other performers. Exercises designed for the development of relaxed, controlled, and articulate speech for performance.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 125 Introduction to Theatre History (3 crs)
Theatre as an art form, dramatic structure, and criticism. Major eras of Western theatre: contributions to dramatic literature, physical theatre, acting, production, and dramatic theory.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
THEA 130 Beginning Acting (3 crs)
Theory and practical applications of basic acting skills through exercises, improvisation and scripted scenes.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 4

THEA 151 Costume Shop Practicum (1 cr)
A practical learning experience of the costume shop area of a theatrical shop.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 152 Scenic Shop Practicum (1 cr)
A practical learning experience of the production area of a theatrical shop.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 153 Light/Sound Shop Practicum (1 cr)
A practical learning experience of the production area of a theatrical shop.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 170 Acting-Minor Roles/Chorus (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 171 Assistant Stage Manager (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 172 Scenic Construction Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 173 Light/Sound Board Operator (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 174 Costume Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 175 Stage/Properties Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 176 Makeup Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 177 Publicity Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 178 Electrics Crew (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3
THEA 179 Special Effects/Sound Facilitator (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 220 Stage Makeup (3 crs)
A hands-on exploration of the materials, principles, and techniques used in
makeup design/application for the stage to achieve a variety of character
effects.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 221 Introduction to Design (3 crs)
Prerequisite: THEA 121
Introduction to all elements of design culminating in a theoretical project
across all major design disciplines. This course builds on the foundational
knowledge established in Theatre 121.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 224 Costume Technology (3 crs)
A lecture/laboratory course in costume construction and sewing for the
stage. Principles of patterning, fabric dying, shop safety, and costume crafts
addressed.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 227 American Musical Theatre (3 crs)
The history and development of contemporary musical theatre, including the
study of major productions and collaborators.
Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 239 Stage Movement (3 crs)
Introduction to basics of stage movement aimed primarily at developing skill
and expressiveness in acting. Follows an active, learning-through-participation
approach.
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

THEA 271 Stage Management (3 crs)
Prerequisite: THEA 121, THEA 130.
An introduction to the preparation and practice of stage and production
management.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 291 Special Topics (1-3 crs)
See current Class Schedule for topic, prerequisites, and restrictions.
Topic and content to be determined by Theatre Arts faculty, based upon
student interest and need. Possible topics include Dance for Theatre, Script
Analysis, or study and analysis of plays representing a specific era or genre.

THEA 314 Feminist Theatre (3 crs)
Credit may not be earned in both THEA 314 and WGSS 314.
A survey of various expressions of feminist theatre from several locales (Latin
America, Europe, Britain, and the U.S.) 1960 to the present.
Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 321 Scenic Design (3 crs)
Prerequisite: THEA 121 and THEA 125 or consent of instructor.
Analysis of scripts and elements of design. Development of creativity,
understanding various design elements as related to production styles.
Experience in construction of scenic models, drafting, and practical projects in
computer design and imaging.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 323 Historical Stage Design (3 crs)
This course examines the history of theatrical stage design through the lens of
developments in interiors, furniture, art, and architecture from Ancient Egypt to
the present.
Attributes: LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 324 Costume Design (3 crs)
Prerequisite: THEA 221
Introduction to the theory and practice of costume design. Includes instruction
of period research, rendering techniques, and the process of costume design
for script analysis, leading to the design of a workable stage costume.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 325 Theatre History and Literature (3 crs)
Prerequisite: THEA 125
Study and discussion of major dramatic works and their production from
early plays to the mid-nineteenth century, with special focus on the Greeks,
Elizabthans, and Restoration drama.
Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
THEA 327 Lighting Design (3 crs)
Prerequisite: THEA 121 and THEA 125 or consent of instructor.
Analysis of light and the written word; development of creativity; understanding use of light in art; and relationship of light to acting and design. Practical projects and work in computer design and imaging.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 330 Advanced Acting (3 crs)
Prerequisite: THEA 130
Continuation of acting skills. Emphasis on student projects which require advanced techniques in performance: rhythms and musical comedy. Makeup labs.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

THEA 331 Styles in Acting (3 crs)
Prerequisite: THEA 130
Continuation of acting skills. Emphasis on in-class scene work, script and character analysis, externalization.
Lecture/Discussion Hours: 4
Lab/Studio Hours: 4

THEA 332 Directing (3 crs)
Prerequisite: THEA 121 and THEA 130.
Principles and fundamentals of stage directing including analysis, staging and rehearsal techniques with emphasis on laboratory scene work.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

THEA 335 Drama in Education (3 crs)
An introduction to the theory and practice of a variety of Drama-in-Education techniques for use in elementary and secondary classrooms, as well as community contexts.
Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 336 Theatre for Youth (3 crs)
A critical and historical survey of dramatic literature for children and youth.
Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 351 Advanced Costume Shop Practicum (1 cr)
Prerequisite: THEA 151
Consent: Instructor Consent Required
Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 151 to work in a specific shop area or special project.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 352 Advanced Scenic Shop Practicum (1 cr)
Prerequisite: THEA 152
Consent: Instructor Consent Required
Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 152 to work in a specific shop area or special project.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 353 Advanced Light/Sound Shop Practicum (1 cr)
Prerequisite: THEA 153
Consent: Instructor Consent Required
Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 153 to work in a specific shop area or special project.
Repeat: Course may be repeated for a maximum of 8 credits

THEA 361 Teaching Theatre Arts (2 crs)
Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to COEHS. Minimum resident and total GPA of 2.75.
  • Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.
A study and analysis of current materials including textbooks, assessment tools, and teaching styles. Preparation for play production, classroom units, and advocacy tools.
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

THEA 370 Acting-Major Roles (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

THEA 371 Stage Manager/Assistant Director/Assistant Choreographer (1 cr)
Consent: Department Consent Required
Participation in theatrical productions.
Attributes: Activity
Repeat: Course may be repeated for a maximum of 8 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Consent: Department Consent Required</th>
<th>Participation in theatrical productions.</th>
<th>Attributes: Activity</th>
<th>Repeat: Course may be repeated for a maximum of 8 credits</th>
<th>Lecture/Discussion Hours:</th>
<th>Lab/Studio Hours:</th>
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<tbody>
<tr>
<td>THEA 372</td>
<td>Assistant Scenic Design/Assistant Technical Direction (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 373</td>
<td>Assistant Lighting Design (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 374</td>
<td>Assistant Costume Design/Shop Supervisor (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 375</td>
<td>Properties Design (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 376</td>
<td>Makeup Design (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 377</td>
<td>Publicity/Program Design (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 378</td>
<td>Master Electrician (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<td>THEA 379</td>
<td>House Manager (1 cr)</td>
<td>1</td>
<td>Department Consent Required</td>
<td>Participation in theatrical productions.</td>
<td>Activity</td>
<td>Repeat Course may be repeated for a maximum of 8 credits</td>
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<tr>
<td>THEA 395</td>
<td>Directed Studies (1-3 crs)</td>
<td>1-3</td>
<td>Department Consent Required</td>
<td>Participation in Theatre Arts or Interpretation. Focus of course is different each time it is offered.</td>
<td>Activity</td>
<td>Repeat Course may be repeated</td>
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<td>THEA 399</td>
<td>Independent Study - Juniors (1-3 crs)</td>
<td>1-3</td>
<td>Minimum junior standing.</td>
<td>Participation in Theatre Arts or Interpretation. Focus of course is different each time it is offered.</td>
<td>Activity</td>
<td>Repeat Course may be repeated</td>
<td>1</td>
<td>3</td>
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<tr>
<td>THEA 414</td>
<td>Playwriting (3 crs)</td>
<td>3</td>
<td>Six credits in theatre at the 300 level or higher.</td>
<td>Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.</td>
<td>Undergraduate/Graduate Offering</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 0</td>
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<tr>
<td>THEA 421</td>
<td>Touring Theatre (3 crs)</td>
<td>3</td>
<td>THEA 121 and THEA 130.</td>
<td>The rehearsal, production, and tour of a theatre for youth production for area elementary or secondary schools.</td>
<td>Instructor Consent Required</td>
<td>Lecture/Discussion Hours: 3</td>
<td>Lab/Studio Hours: 5</td>
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</tbody>
</table>
THEA 422 Play Production: Technical (3 crs)
Prerequisite: THEA 121 and THEA 125 or consent of instructor.
Contemporary trends in staging and the production problems arising from new
types of stages and plays written for conventional stage.
Repeat: Course may be repeated for a maximum of 12 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

THEA 425 Modern Drama and Theatre (3 crs)
Prerequisite: THEA 125
Development of the modern theatre from Ibsen to the present. Includes
treatment of drama and theatre architecture of the period.
Attributes: GE IVA Humanities-Fine Arts, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 432 Advanced Directing (3 crs)
Prerequisite: Grade of at least B- in THEA 332 or consent of instructor.
The director's role in the production process and in creating a style for the
production is examined. Exploration of the director's role in communication
with designers and staff culminates in the production of a play.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 4

THEA 434 Theatre Arts Management (3 crs)
Prerequisite: THEA 125 or junior standing.
The management of theatre in school and community including developing
skills for creating demand for the product, budgeting time and facilities,
marketing, promotion, funding, and career expectations.
Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 490 Theatre Arts Seminar (1-3 crs)
• See current Class Schedule for topic and prerequisites.
Exploration of advanced topic for majors and minors in Theatre Arts. Possible
topics include "Auditioning," "Contemporary Drama," "Costume Design," and
"Playwriting.
Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 12 credits

THEA 498 Theatre Arts Internship (1-3 crs)
Prerequisite: Minimum of 18 theatre credits completed, including THEA 121,
THEA 125 and THEA 130. Limited to theater arts majors and minors. Minimum
junior standing. Minimum resident and total GPA of 3.00.
Consent: Instructor Consent Required
Opportunity for active involvement and learning in an off-campus producing
theatre. Internship opportunities in management, costuming, and other
theatre-oriented areas, subject to availability and in cooperation with faculty
supervisor.
Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering,
Internship
Repeat: Course may be repeated for a maximum of 6 credits

THEA 499 Independent Study - Seniors (1-3 crs)
Prerequisite: Minimum senior standing.
Consent: Department Consent Required
Individual project under the direction of a faculty member.
Repeat: Course may be repeated

THEA 614 Playwriting (3 crs)
• Cross-listed with THEA 414. Credit may not be earned in both courses.
Practical experience in dramatic writing. Emphasis on creating characters,
building plots, and constructing dialogue.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 625 Modern Drama and Theatre (3 crs)
• Cross-listed with THEA 425. Credit may not be earned in both courses.
Development of the modern theatre from Ibsen to the present. Includes
treatment of drama and theatre architecture of the period.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 632 Advanced Directing (3 crs)
• Cross-listed with THEA 432. Credit may not be earned in both courses.
The director's role in the production process and in creating a style for the
production is examined. Exploration of the director's role in communication
with designers and staff culminates in the production of a play.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 3
THEA 634 Theatre Arts Management (3 crs)
- Cross-listed with THEA 434. Credit may not be earned in both courses.

The management of theatre in school and community including developing skills for creating demand for the product, budgeting time and facilities, marketing, promotion, funding, and career expectations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 690 Theatre Arts Seminar (1-3 crs)
- Cross-listed with THEA 490. See current Class Schedule for topic and prerequisites.


Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option

THEA 698 Theatre Arts Internship (1-3 crs)
Consent: Instructor Consent Required
- Cross-listed with THEA 498.

Opportunity for active involvement and learning in an off-campus producing theatre. Internship opportunities in management, costuming, and other theatre-oriented areas, subject to availability and in cooperation with faculty supervisor.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

THEA 797 Independent Study (1-3 crs)
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Unified Early Childhood (UEC)

UEC 220 Introduction to Inclusive Early Childhood Education (3 crs)
Prerequisite: SPED 200

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

UEC 221 Leadership & Mentoring in Early Childhood 1 (1 cr)
Consent: Instructor Consent Required
Academic component for ECLIPSE, work-study, community service learning and child development grant. Participation in supervised field experiences (90 hours) serving children from high-risk populations. Focus is Early Childhood literacy and community resources.

Attributes: LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

UEC 321 Observation and Informal Assessment of Young Children (2 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Survey of observational and informal assessment strategies for documenting the developmental changes in young children. Developmental screening and eligibility determination, and planning and monitoring instruction/intervention are included.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

UEC 322 Inclusive Play and Sensory Exploration in Early Childhood Education (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
This course emphasizes connections between play/sensory exploration and development in all five domains and pre-academic skills. Theory is integrated into embedding IEP/IFSP goals into the routines, planning environments, and facilitating/extending engagement and social interactions.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 324 Language and Cultural Diversity in Inclusive Early Childhood Education (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to SPED, Unified Early Childhood majors admitted to the College of Education and Human Sciences.
Exploration of language/cultural diversity in ECE. Topics include literacy, social and instructional language development in young dual language learners. Strategies for involving families/caregivers in the early literacy process and supporting their language and culture.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
UEC 421 Early Childhood Pre-Primary Methods (3 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220).
Grade of B- or above in UEC 422 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Instructional and intervention methods for children three-to-six in inclusive settings. Developing/maintaining healthy, safe, and engaging stand-based learning environments as well as nutrition, program administration, parent involvement, and supervision of classroom staff will be covered.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 422 Pre-Primary Practicum (2 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220).
Grade of B- or above in UEC 421 (formerly SPED 421) or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors admitted to College of Education and Human Sciences.
- Students are expected to spend a minimum of 4 hours per week in a pre-primary classroom.
Candidates will develop and teach teacher- and child-directed activities and lessons in an inclusive pre-primary classroom. They will also assist the classroom teacher in monitoring groups and setting up learning areas of the classroom.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

UEC 424 Inclusive Numeracy and Math: 0-8 (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
The developmental process of early numeracy birth throughout third grade mathematics instruction. Emphasis on the mathematical language and early numeracy; facilitating, scaffolding, nurturing, and igniting interest in numeracy and mathematical thinking in young children.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 425 Integrated Curriculum and Inquiry (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Integrated curriculum development and intentionally planning inquiry-based learning connected to the interests of young children. Active, standards-based science, numeracy/literacy, and social studies, promoting social relationships/oral language development, critical thinking and problem solving, in inclusive environments.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 426 Infant and Toddler Intervention and Programming (3 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Infant and toddler early intervention and care with emphasis on Health/safety, nutrition and designing/evaluating effective activities/environments. Cultural competence, Child Find, IFSPs, OSEP accountability, primary provider support model, child care and Parents as Teachers will be addressed. Weekly Field Placement.
Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: .5

UEC 470 Student Teaching in Early Childhood (4 crs)
Prerequisite: SPED 423, SPED 431; UEC 220, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.
Consent: Department Consent Required
- Admission to the professional semester and department approval is required.
- Must earn a B- or above in this course.
Student teaching in an early childhood education setting all day for six weeks or half days for semester. Three experiences required: ECSE, pre-primary, primary.
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: A-F Grades Only
Practicum Hours: 4
**UEC 472 Student Teaching in Early Childhood (3 crs)**
Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.
Consent: Department Consent Required
  • Admission to the professional semester and departmental approval is required.
    Must earn a B- or above in this course.

Student teaching in an early childhood education setting for candidates seeking to extend a certification.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Practicum Hours: 3

**UEC 475 Internship Teaching in Early Childhood (7-14 crs)**
Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.
Consent: Department Consent Required
  • Admission to the professional semester and departmental approval is required.

Must earn a B- or above in this course. The intern is a paid contractual member of a public school staff who spends an entire semester in a school system, including the opening and closing periods.

Attributes: Internship
Grading Basis: A-F Grades Only

**UEC 493 International Experience in Early Childhood (3 crs)**
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Grade of B- or above in UEC 324 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Consent: Instructor Consent Required
Candidates will assist/teach in an international early childhood classroom. Emphasis is on applying strategies for facilitating social interaction, literacy/numery, play, and communication between young children in the home language and English.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

**UEC 522 Inclusive Play and Sensory Exploration in Early Childhood (3 crs)**
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
  • Cross-listed with UEC 322. Credit may not be earned in both courses.

This course emphasizes connections between play/sensory exploration and development in all five domains and pre-academic skills. Theory is integrated into embedding IEP/IFSP goals into the routines, planning environments, and facilitating/ extending engagement and social interactions.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**UEC 524 Language and Cultural Diversity in Inclusive Early Childhood Education (3 crs)**
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to SPED, Unified Early Childhood majors admitted to the College of Education and Human Sciences.
  • Cross-listed with UEC 324. Credit may not be earned in both courses.

Exploration of language/cultural diversity in ECE. Topics include literacy, social and instructional language development in young dual language learners. Strategies for involving families/caregivers in the early literacy process and supporting their language and culture.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

**UEC 525 Inclusion and Collaboration in Early Childhood (3 crs)**
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
  • Cross-listed with UEC 325. Credit may not be earned in both courses.

Exploration of communication skills, collaboration, co-teaching, itinerant, coaching and consultation models of ECSE and EI services. Working with paraprofessionals, therapists, families, and caregivers to adapt/modify curriculum and participation, as a team will be emphasized.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
UEC 621 Early Childhood Pre-Primary Methods (3 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 422 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
- Cross-listed with UEC 421. Credit may not be earned in both courses.

Instructional and intervention methods for children three-to-six in inclusive settings. Developing/maintaining healthy, safe, and engaging standards-based learning environments as well as nutrition, program administration, parent involvement, and supervision of classroom staff will be covered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 622 Pre-Primary Practicum (2 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 421 (formerly SPED 421) or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors admitted to College of Education and Human Sciences.
- Cross-listed with UEC 422. Credit may not be earned in both courses.

Candidates will develop and teach teacher- and child-directed activities and lessons in an inclusive pre-primary classroom. They will also assist the classroom teacher in monitoring groups and setting up learning areas of the classroom.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

UEC 624 Inclusive Numeracy and Math: 0-8 (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
- Cross-listed with UEC 424. Credit may not be earned in both courses.

The developmental process of early numeracy birth throughout third grade mathematics instruction. Emphasis on the mathematical language and early numeracy; facilitating, scaffolding, nurturing, and igniting interest in numeracy and mathematical thinking in young children.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 625 Integrated Curriculum and Inquiry (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
- Cross-listed with UEC 425. Credit may not be earned in both courses.

Integrated curriculum development and intentionally planning inquiry-based learning connected to the interests of young children. Active, standards-based science, numeracy/literacy, and social studies, promoting social relationships/oral language development, critical thinking and problem solving, in inclusive environments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 626 Infant and Toddler Intervention and Programming (3 crs)
Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
- Cross-listed with UEC 426. Credit may not be earned in both courses.

Infant and toddler early intervention and care with emphasis on Health/safety, nutrition and designing/evaluating effective activities/environments. Cultural competence, Child Find, IFSPs, OSEP accountability, primary provider support model, child care and Parents as Teachers will be addressed. Weekly Field Placement.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: .5

UEC 693 International Experience in Early Childhood (3 crs)
Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Grade of B- or above in UEC 324 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.
Consent: Instructor Consent Required
- Cross-listed with UEC 493. Credit may not be earned in both courses.

Candidates will assist/teach in an international early childhood classroom. Emphasis is on applying strategies for facilitating social interaction, literacy/numeracy, play, and communication between young children in the home language and English.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Women's, Gender, and Sexuality Studies (WGSS)

WGSS 100 Introduction to Women's, Gender, and Sexuality Studies (3 crs)
Prerequisite: No credit after WGSS 301
This course examines how feminist scholarship offers critical tools for understanding how lived experiences of gender, race, class, sex, and sexuality intersect with colonial, capitalist, and other systems of power.
Attributes: Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 111 Gender, Race, Class, and Communication: The Social Construction of Identity (3 crs)
* Credit may not be earned in both CJ 111 and WGSS 111.
Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.
Attributes: Cultural Diversity 1 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 200 Introduction to Feminist Theories (3 crs)
Prerequisite: WGSS 100 or WGSS 301 or consent of instructor. No credit if taken after WMNS 305/ WMNS 505.
Explore a range of feminist intellectual traditions in their original contexts and develop theoretical analyses of contemporary issues.
Attributes: Cultural Diversity 1 cr., GE IIIG Social Science-Interdisciplinary Study Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 202 Sociology of Gender (3 crs)
* Credit may not be earned in both SOC 202 and WGSS 202.
Explores sexism and cisgender privilege in social institutions in the U.S. and globally using a social constructionist and intersectional approach.
Attributes: GE IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 203 Women and World Religions (3 crs)
* Credit may not be earned in both RELS 203 and WGSS 203. No credit if taken after ANTH 354 or RELS 354.
Survey of women's religious lives. Impact of patriarchy is examined and compared to matrilineal societies. Feminist reading of religious texts is explored.
Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 205 American Women's History (3 crs)
* Credit may not be earned in both HIST 205 and WGSS 205.
A survey of the history of women from precolombian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.
Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 206 Perspectives in LGBTQ Studies (3 crs)
Interdisciplinary and cross-cultural examination of heterosexism, LGBTQ social movements, and social policies that affect LGBTQ rights through the lenses of feminist and queer theories. Exposure to LGBTQ representations in literature, media, film, and popular culture.
Attributes: Cultural Diversity 1 cr., GE IIIF Social Science-Interdisciplinary Study, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 210 Contemporary Feminisms (3 crs)
Examines the literature, culture, and issues of contemporary feminisms by analyzing representative texts on activism, and the intersection of gender, sexuality, racism, classism within the context and influences of previous movements.
Attributes: Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-K3 Humanities, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
WGSS 215 African-American Feminism in the Humanities (3 crs)
Materials from several academic disciplines (women’s, gender, and sexuality studies, English language and literature, history, and cultural studies) will examine feminist perspectives on various topics from an African-American standpoint.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 222 Women’s, Gender, and Sexuality Studies Introductory Travel Seminar (1-3 crs)
Prerequisite: One WGSS course or its equivalent as approved by the instructor. Consent: Instructor Consent Required
Introductory study of topics and issues in women’s, gender, and sexuality studies with domestic or international travel to locations that relate specifically to the selected topic or issues. Topics, issues, locales, and other academic experiences vary by offering.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits

WGSS 224 Music and Gender (3 crs)
Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WGSS 224 (formerly WMNS 306).
Addresses the relationship between music and gender, how music reflects and influences gender construction, and the role of women in musical culture (composers, song-writers, performers, and patrons). No prior knowledge of music assumed.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 250 Feminist Research Methodologies (3 crs)
Prerequisite: WGSS 100 or WGSS 301; and WGSS 200; or consent of instructor.
Students explore the social construction of knowledge, compare feminist and audience research methods; examine feminist scholarship across disciplines; and integrate scholarly and applied research with social justice work by identifying community needs.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 260 Masculinity Studies and Feminist Theories (3 crs)
Explores various topics associated with masculinity or manhood within a pro-feminist framework from several academic disciplines, such as women’s, gender, and sexuality studies, English, history, philosophy, religious studies, psychology, and/or sociology.

Attributes: GE IVE Humanities-Interdisciplinary Studies, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 265 Women’s Health Issues (3 crs)
Credit may not be earned in both NRSG 265 and WGSS 265. Open to all majors.
Explores a wide range of women’s health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women’s health.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 296 Perspectives on Women’s Literature (3 crs)
Credit may not be earned in both ENGL 296 and WGSS 296 unless topics differ. See current Class Schedule for specific theme or topic.
Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women’s achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 301 Examining Women’s, Gender, and Sexuality Studies (3 crs)
Interdisciplinary overview focusing on women’s lives in the United States and globally, as influenced by gender, ethnicity, class, sexuality, cultural institutions, social practices, and representations. Familiarizes students with fundamental concepts and analysis tools in women’s, gender, and sexuality studies.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
WGSS 308 Topics in LGBTQ Studies (3 crs)
Prerequisite: WGSS 206 or WGSS 406 or consent of instructor.
This course provides students with an opportunity to investigate a specific topic in LGBTQ Studies. Topics studied vary from semester to semester.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 310 Gender and Violence (3 crs)
Prerequisite: No credit if taken after WMNS 480, Women and Violence.
Analysis of the gendered nature of violence, intersectional systems of privilege and oppression, interpersonal and social/systemic structures.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 311 Gender, Sex, and Science in European History (3 crs)
Prerequisite: Six credits of history and/or women's, gender, and sexuality studies, or junior standing, or consent of the instructor.

- Credit may not be earned in both HIST 313 and WGSS 311.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 314 Feminist Theatre (3 crs)

- Credit may not be earned in both THEA 314 and WGSS 314.

A survey of various expressions of feminist theatre from several locales (Latin America, Europe, Britain, and the U.S.) 1960 to the present.

Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 315 Women of Color Feminisms (3 crs)
Prerequisite: WGSS 100 or WGSS 301, or consent of instructor.
Examines the historical, systemic, and interlocking politics of gender, race, sexuality, class, and nation in the lives of U.S. Women of Color. Interdisciplinary writings are assigned, presenting Women of Color feminisms as a field, a framework, and a method.

Attributes: Cultural Diversity 3 cr., LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 317 Diversity & Communication: Organizational & Media Contexts (3 crs)
Prerequisite: Minimum sophomore standing.

- Credit may not be earned in both CJ 317 and WGSS 317.

Reading, writing, and discussion about how gender, race, class, sexual-orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 331 Women in African Literature (3 crs)

- Credit may not be earned in both ENGL 332 and WGSS 332.

Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.

Attributes: Foreign Culture, GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 335 Transnational Feminism (3 crs)
Prerequisite: One WGSS course and minimum junior standing, or consent of instructor.
Transnational feminism offers critical tools for analyzing systems of oppression and the exercise of power in a globalizing world.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

WGSS 336 Psychology of Women (3 crs)
Prerequisite: PSYC 100 and minimum sophomore standing.

- Credit may not be earned in both PSYC 336 and WGSS 336.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

Attributes: Cultural Diversity 1 cr., GE IIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
WGSS 337 Women and the Labor Market (3 crs)

- Credit may not be earned in both ECON 337 and WGSS 337.

Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies.

Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 344 Women, Work and Family (3 crs)

Prerequisite: Minimum sophomore standing.
- No credit if taken after WGSS 433 when offered as Women & Work-Family Issues.

Feminist analysis of work-family issues with emphasis on women's experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 348 Black Psychology (3 crs)

Prerequisite: PSYC 100
- Credit may not be earned in both WGSS/PSYC 348. No credit if taken after PSYC 491 when offered as Black Psychology.

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Cultural Diversity 3 cr., GE III Social Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 351 Women and Politics (3 crs)

- Credit may not be earned in both POLS 351 and WGSS 351.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 352 Gender and Politics in Global Perspective (3 crs)

- Credit may not be earned in both POLS 352 and WGSS 352.

This course surveys important topics in the study of gender and politics in global perspective.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 356 Women in Cross-Cultural Perspective (3 crs)

- Credit may not be earned in both ANTH 356 and WGSS 356.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 357 Women and Economic Development (3 crs)

- Credit may not be earned in both ECON 357 and WGSS 357. No credit if taken after WMNS 480 in Summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socioeconomic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 365 Intersectionality: Critical Approaches to Identity and Injustice (3 crs)

Prerequisite: HMNG 130 or WGSS 100.
- Credit may not be earned in both HMNG/WGSS 365. No credit if taken after WGSS 434 when offered as "Intersectionality: Critical Approaches to Identity and Injustice."

Uses an interdisciplinary humanities approach to critically examine the concept of intersectionality and its applications and implications on identities, historical and contemporary injustice, and social issues.

Attributes: LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
WGSS 373 American Women's History to 1870 (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both HIST 373 and WGSS 373.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 375 Ecofeminism and Environmental Justice (3 crs)
- No credit if taken after WGSS 433, when offered as Ecofeminism.

Study of women's experiences in relation to the natural world; linkages between the oppression of the natural world and women, and global efforts to confront the oppression. Focuses on women's interconnectedness with environmental justice and sustainable agriculture movements.

Attributes: GE III Social Science-Interdisciplinary Study, LE-I Integration, LE-R1 Equity, Diversity, and Inclusivity, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 377 Philosophy and Feminism (3 crs)
Prerequisite: One course in philosophy or women's, gender, and sexuality studies.
- Credit may not be earned in both PHIL 377 and WGSS 377.

A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 378 American Women's History Since 1870 (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both HIST 378 and WGSS 378.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 380 Women and Artifacts (3 crs)
Prerequisite: One course in Women's, Gender, and Sexuality Studies, or junior standing, or consent of instructor.
- No credit if taken after WGSS 434 when offered as a Women and Artifacts or WMNS 280 when offered as Reconstructing the Lives of Early American Women.

Material Culture Studies approach to feminist recovery of women's stories and histories. Examines women as cultural producers, users, and consumers. Contrasts women's and marginalized groups' contributions with patriarchal and dominant versions.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 385 The History of Middle Eastern Muslim Women (3 crs)
Prerequisite: Six credits of history, or junior standing, or consent of instructor.
- Credit may not be earned in both HIST 385 and WGSS 385.

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Attributes: GE IVC Humanities-History, LE-I Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 394 Studies in the History of Women (1-3 crs)
Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated

WGSS 395 Directed Studies (1-3 crs)
Prerequisite: Minimum junior standing.
Consent: Department Consent Required
Study of a women's, gender, and sexuality studies problem or topic approved by supervising instructor and women's, gender, and sexuality studies director. May address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women's, Gender, and Sexuality Studies coursework.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
WGSS 396 Studies in Women's Literature (3 crs)
• Credit may not be earned in both ENGL 396 and WGSS 396 unless topics differ.
See current Class Schedule for specific theme or topic.
Study of a particular problem, genre, or literary period within that literature written by or about women, such as "Our Literary Foremothers" or "Jane Eyre's Literary Daughters".
Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 397 Student Academic Apprenticeship in Women's, Gender, and Sexuality Studies (1-3 crs)
Prerequisite: WGSS 100 or WGSS 301. Limited to Women's, Gender, and Sexuality Studies majors and minors. Minimum GPA of 3.5 in WGSS courses.
Consent: Department Consent Required
Qualified students, selected and closely supervised by faculty members, facilitate teaching and learning in a specific Women's, Gender, and Sexuality Studies or cross-listed course.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

WGSS 406 Queer Theories and Sexual Politics (3 crs)
Prerequisite: WGSS 200 or WGSS 206 or 3 credits from WGSS courses or consent of instructor
• With permission of the instructor, a feminist theory course in another discipline may fulfill the prerequisite.
Seminar addresses theoretical and political debates that confront the institution of heterosexuality. Queer theorists contextualize gender and sexualities within LGBTQ social movements for civil rights. Explores intersectionality of LGBTQ oppression (heterosexism) with other social forces.
Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering
Lab/Studio Hours: 0
Seminar Hours: 3

WGSS 419 Sociology of Women (3 crs)
Prerequisite: SOC 101
• Credit may not be earned in both SOC 419 and WGSS 419.
Sociological analysis of gender oppression in interactions, organizations and institutions. Examines local and global gender inequities.
Attributes: Cultural Diversity 1 cr.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 422 Women's, Gender, and Sexuality Studies Advanced Travel Seminar (1-6 crs)
Prerequisite: One WGSS course and minimum junior standing.
Consent: Instructor Consent Required
In-depth study of topics and issues in women's, gender, and sexuality studies with domestic or international travel to locations that relate specifically to the selected topic or issue. Topics, issues, locales, and other academic experiences vary by course offering.
Attributes: GE IIIG Social Science-Interdisciplinary Study, Field Trips(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits

WGSS 426 Sociology of Sexualities (3 crs)
Prerequisite: SOC 101
• Credit may not be earned in both SOC 426 and WGSS 426.
Using a sociological framework this course critically examines how society influences sexual beliefs, behaviors, and identities. The relationship between sexuality and the social institutions of family, education, government, medicine, religion, and media is studied.
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 431 Women and Communication (1-3 crs)
Prerequisite: Minimum junior standing.
Addresses issues related to communication, women, and/or gender.
Attributes: GE IC Communication-Interdisciplinary Studies, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits

WGSS 432 Women and Science (1-3 crs)
Prerequisite: Minimum junior standing.
Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.
Attributes: GE IIF Natural Science-Interdisciplinary Studies, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits

WGSS 433 Women and Social Science (1-3 crs)
Prerequisite: Minimum junior standing.
Addresses issues related to the social sciences, women, and/or gender.
Attributes: GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits

WGSS 434 Women and the Humanities (1-3 crs)
Prerequisite: Minimum junior standing.
Addresses issues related to the humanities, women, and/or gender.
Attributes: GE IVE Humanities-Interdisciplinary Studies, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 3 credits
WGSS 436 Education of Girls and Women in the United States (2 crs)
Prerequisite: Minimum junior standing.
- Credit may not be earned in both ES 436 and WGSS 436. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their life-time.

Attributes: Cultural Diversity 1 cr., GE V University Wide, Undergraduate/ Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

WGSS 482 Women in Latin American Literature (3 crs)
Prerequisite: SPAN 363 or SPAN 367/LAS 367.
- Credit may not be earned in both SPAN 482 and WGSS 482.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Attributes: Foreign Culture, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 490 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)
Prerequisite: WGSS 100 or WGSS 301, and WGSS 200, and WGSS 250; or consent of instructor
Comparative study of the theories and methods of feminism, from historical, multidisciplinary, and cross-cultural perspectives. Examines theoretical foundations, current debates and advances in feminist scholarship.

Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 496 Capstone: Social Justice Practicum (3 crs)
Prerequisite: WGSS 100 or WGSS 301, WGSS 200 and WGSS 250. Limited to women’s, gender, and sexuality studies majors and minors.
Consent: Department Consent Required
As a culminating experience, students work collectively to understand and address community needs. Collaborating with a community organization and guided by feminist approaches to social justice, students strategize, implement and assess a plan of action.

Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Seminar Hours: 3

WGSS 498 Women’s, Gender, and Sexuality Studies Internship (1-3 crs)
Prerequisite: Three credits from WGSS courses. Minimum junior standing.
Consent: Department Consent Required
Supervised application and examination of Women’s, Gender, and Sexuality Studies theory in a professional setting related to the student’s area of interest.

Attributes: Service-Learning Variable, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated for a maximum of 6 credits

WGSS 508 Topics in LGBTQ Studies (3 crs)
Prerequisite: WGSS 206 or WGSS 406 or consent of instructor.
- Cross-listed with WGSS 308

This course provides students with an opportunity to investigate a specific topic in LGBTQ Studies. Topics studied vary from semester to semester.
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 513 Gender, Sex, and Science in European History (3 crs)
- Cross-listed with HIST 313/HIST 513 and WGSS 313. Credit may only be earned in one of these courses.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 535 Transnational Feminism (3 crs)
Prerequisite: One WGSS course or consent of instructor.
- Cross-listed with WGSS 335.

Transnational feminism offers critical tools for analyzing systems of oppression and the exercise of power in a globalizing world.
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

WGSS 536 Psychology of Women (3 crs)
- Cross-listed with WGSS 336 and PSYC 336/PSYC 536. Credit may only be earned in one of these courses.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research may apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0
WGSS 544 Women, Work and Family (3 crs)
- Cross-listed with WGSS 344. Credit may not be earned in both courses. No credit if taken after WGSS 433 when offered as Women & Work-Family Issues.

Feminist analysis of work-family issues with emphasis on women’s experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 548 Black Psychology (3 crs)
Prerequisite: PSYC 100
- Cross-listed with WGSS/PSYC 348/548. Credit may only be earned in one of these courses. No credit if taken after PSYC 491 when offered as Black Psychology.

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 551 Women and Politics (3 crs)
- Cross-listed with WGSS 351 and POLS 351/POLS 551. Credit may only be earned in one of these courses.

Analysis of women’s roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women’s movement on issues and policymaking.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 556 Women in Cross-Cultural Perspective (3 crs)
- Cross-listed with WGSS 356 and ANTH 356/ANTH 556. Credit may only be earned in one of these courses.

Study of women’s domestic, social, economic, political, and religious roles in a broad range of the world’s societies. Examination of the historical development of women’s roles and contemporary changes.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 557 Women and Economic Development (3 crs)
- Cross-listed with WGSS 357 and ECON 357/ECON 557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socioeconomic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 558 The History of Middle Eastern Muslim Women (3 crs)
- Cross-listed with WGSS 385 and HIST 385/HIST 585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 594 Studies in the History of Women (1-3 crs)
- Cross-listed with WGSS 394 and HIST 394/HIST 594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
WGSS 595 Directed Studies (1-3 crs)
Consent: Department Consent Required
• Cross-listed with WGSS 395.

Study of a women’s, gender, and sexuality studies problem or topic approved by supervising instructor and women’s, gender, and sexuality studies director. May address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women’s, Gender, and Sexuality Studies coursework.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

WGSS 606 Queer Theories and Sexual Politics (3 crs)
Prerequisite: WGSS 200 or WGSS 206 or three credits from WGSS or consent of instructor.
• Cross-listed with WGSS 406. Credit may not be earned in both courses. With permission of the instructor, a feminist theory course in another discipline may fulfill the prerequisite.

Seminar addresses theoretical and political debates that confront the institution of heterosexuality. Queer theorists contextualize gender and sexualities within LGBTQ social movements for civil rights. Explores intersectionality of LGBTQ oppression (heterosexism) with other social forces.

Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

WGSS 631 Women and Communication (1-3 crs)
• Cross-listed with WGSS 431.

Addresses issues related to communication, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

WGSS 632 Women and Science (1-3 crs)
• Cross-listed with WGSS 432.

Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

WGSS 633 Women and Social Science (1-3 crs)
• Cross-listed with WGSS 433.

Addresses issues related to the social sciences, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

WGSS 634 Women and the Humanities (1-3 crs)
• Cross-listed with WGSS 434.

Addresses issues related to the humanities, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: No S/U Grade Option

WGSS 636 Education of Girls and Women in the United States (2 crs)
• Cross-listed with WGSS 436 and ES 436/ES 636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

WGSS 682 Women in Latin American Literature (3 crs)
Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.
• Cross-listed with WGSS 482 and SPAN 482/SPAN 682. Credit may only be earned in one of these courses.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 690 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)
Prerequisite: WGSS 100 or WGSS 301, and WGSS 200, and WGSS 250; or consent of instructor
Consent: Instructor Consent Required
• Cross-listed with WGSS 490. Credit may not be earned in both courses.

Comparative study of the theories and methods of feminism, from historical, multidisciplinary, and cross-cultural perspectives. Examines theoretical foundations, current debates and advances in feminist scholarship.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 696 Capstone: Social Justice Practicum (3 crs)
Consent: Department Consent Required
• Cross-listed with WGSS 496. Credit may not be earned in both courses.

As a culminating experience, students work collectively to understand and address community needs. Collaborating with a community organization and guided by feminist approaches to social justice, students strategize, implement and assess a plan of action.

Attributes: Capstone Course, Field Trip(s) Required
Grading Basis: No S/U Grade Option
Seminar Hours: 3
WGSS 698 Women’s, Gender, and Sexuality Studies Internship (1-3 crs)
Prerequisite: Three credits of WGSS courses.
Consent: Department Consent Required
  - Cross-listed with WGSS 498.
Supervised application and examination of Women’s, Gender, and Sexuality Studies theory in a professional setting related to the student’s area of interest.
Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

Writing (WRIT)

WRIT 99 Introduction to Critical Reading and Writing (3 crs)
Prerequisite: Concurrent enrollment with GEN 100. No credit if taken after ENGL 99.
Consent: Department Consent Required
Introduction to college-level reading and writing skills to prepare students for the Blugold Seminar in Critical Reading and Writing. Course does not fulfill the University Writing Requirement. Writing Center appointments may be required.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WRIT 101 Extended Blugold Seminar in Critical Reading & Writing 1 (3 crs)
Prerequisite: High school concurrent enrollment.
  - Open only to high school students.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. First course in two course sequence.
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WRIT 102 Extended Blugold Seminar in Critical Reading & Writing 2 (3 crs)
Prerequisite: High school concurrent enrollment. WRIT 101 with a grade of C or above.
  - Open only to high school students.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Second course in two course sequence. Course fulfills University Writing Requirement.
Attributes: LE-S1 Written and Oral Communication
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WRIT 114 Intensive Blugold Seminar in Critical Reading and Writing (5 crs)
Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam. No credit if taken after ENGL 110 or ENGL 112. Credit can be earned in only one of WRIT 114, WRIT 116, WRIT 118, or WRIT 120.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement. Writing Center appointments may be required.
Attributes: LE-S1 Written and Oral Communication
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 5
Lab/Studio Hours: 0

WRIT 116 Blugold Seminar in Critical Reading and Writing (5 crs)
Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam; or suitable score on Univ. Writing Program Portfolio. No credit if taken after ENGL 110 or 112. Credit can be earned in only one of WRIT 114, 116, 118, or 120.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.
Attributes: LE-S1 Written and Oral Communication
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 5
Lab/Studio Hours: 0

WRIT 118 Accelerated Blugold Seminar in Critical Reading and Writing (2 crs)
Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam; or suitable score on Advanced Placement English exam; or suitable score on University Writing Program Portfolio; or current University Honors student.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.
Attributes: LE-S1 Written and Oral Communication
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students (2 crs)
Prerequisite: Approved partial composition credit with a grade of C or above from another college or university. No credit if taken after ENGL 110 or ENGL 112. Credit can be earned in only one of WRIT 114, WRIT 116, WRIT 118 or WRIT 120.
Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.
Attributes: LE-S1 Written and Oral Communication
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
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American Indian Studies
Art
Biochemistry/Molecular Biology
Biology
Chemistry
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Communication
Computer Science
Criminal Justice
Economics
English
French
Geography
Geology

Geospatial Analysis and Technology
German
History
Integrated Strategic Communication
Journalism
Latin American Studies
Materials Science
Mathematics
Music
Neuroscience
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Spanish
Theatre Arts
Women's, Gender, and Sexuality Studies

Bachelor of Science

Materials Science and Engineering

Bachelor of Fine Arts

Art

Bachelor of Liberal Studies

Liberal Studies

Bachelor of Music

Music

Bachelor of Science in Environmental Public Health

Environmental Public Health

College of Business

Bachelor of Business Administration

Accounting
Business Administration
Business Finance
Economics
Health Care Administration
Information Systems
International Business
Management
Marketing

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Bachelor of Arts

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English
French
German
History
Political Science
Social Studies
Sociology
Spanish

Bachelor of Music Education

Bachelor of Science

Biology
Chemistry
Communication Sciences and Disorders  
Elementary Education  
Exercise Science  
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