MATHEMATICS TEACHING, **COMPREHENSIVE MAJOR**

Teaching (Code 184-001)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Upper division credits (courses numbered 300 and higher) Liberal Education Core (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header1) Academic Concentrations (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header16) Grade Point Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header14) Total 2.00 average Resident 2.00 average Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 2 Major, Comprehensive, upper division in residence 2	Credit Requirements	
Liberal Education Core (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header1) Academic Concentrations (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header16) Grade Point Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header14) Total 2.00 average Resident 2.00 average Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3. Senior year 2. Major, Standard, upper division in residence 3. Major, Comprehensive, upper division in residence 2.	Minimum total for graduation ¹	120
undergraduate/graduation-requirements/#header1) Academic Concentrations (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header16) Grade Point Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header14) Total 2.00 average Resident 2.00 average Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 3 Major, Comprehensive, upper division in residence 3	Upper division credits (courses numbered 300 and higher)	39
undergraduate/graduation-requirements/#header16) Grade Point Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header14) Total 2.00 average Resident 2.00 average Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2		36
undergraduate/graduation-requirements/#header14) 2 Total 2.00 average Resident 2.00 average Major 2.00 average Minor 3.00 average Minor Minimum total 3.00 average Major, Standard, upper division in residence 3.00 average Major, Comprehensive, upper division in residence 3.00 average Minor 2.00 average Major, Comprehensive, upper division in residence 3.00 average Minor 3.		
Resident 2.00 average Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 3 Major, Comprehensive, upper division in residence 2		
Major 2.00 average Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2	Total	2.00 average
Minor 2.00 average Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2	Resident	2.00 average
Certificate 2.00 average University Residency Requirements (http://catalog.uwec.edu/ undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2	Major	2.00 average
University Residency Requirements (http://catalog.uwec.edu/undergraduate/graduation-requirements/#header15) Minimum total Senior year Major, Standard, upper division in residence Major, Comprehensive, upper division in residence	Minor	2.00 average
undergraduate/graduation-requirements/#header15) Minimum total 3 Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2	Certificate	2.00 average
Senior year 2 Major, Standard, upper division in residence 1 Major, Comprehensive, upper division in residence 2	, , , , , , , , , , , , , , , , , , , ,	
Major, Standard, upper division in residence Major, Comprehensive, upper division in residence	Minimum total	30
Major, Comprehensive, upper division in residence	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
p	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.
- 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
Minor	maximum 1 course
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 five learning goals of our liberal education core and the 12 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 (http://catalog.uwec.edu/undergraduate/graduation-requirements/#header10)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2/)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (http://catalog.uwec.edu/undergraduate/graduation-requirements/#header11)	
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/ 30 hours 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:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title	
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 -Grades 4-12

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for grades 4-12 teaching or for grades K-12 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 a K-12 licensure are not required to elect a second plan that leads to certification.
- 2. a professional sequence consisting of teaching methods and related courses.

Students are assigned an education academic advisor and a faculty advisor through the content major department.

Option B: Grades 4-12

-		
Code	Title	Credits
Professional Seq	uence	
ES 212	Exploring Schooling K-12	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Disciplinary Literacy and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed specia	al methods course(s) (see approved	
majors and mino	rs below)	
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	5-10
or ES 446	Internship Teaching in Middle Level Education	ı
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SEIP 300	Inclusive Practices for Secondary Educators	3

Approved Majors and Minors for Option B

Comprehensive Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English & Language Arts	541-001	ENGL 319, ENGL 419		See department for ETS exam number
Mathematics	184-001	ES 357		See department for ETS exam number
Social Studies, History Emphasis	500-020	ES 356	ECON 103, BIOL 180 or GEOG 178	See department for ETS exam number
Science Teaching	241-XXX	ES 360	BIOL 180 or GEOG 178	See department for ETS exam number
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Mathematics	184-201	ES 357		See department for ETS exam number

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Coaching	971-403	KINS 492		no addt'l exam
Mathematics	180-407	ES 357		See department for ETS exam number

Admission Requirements Admission to Education Programs Admission to the Major

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 Department of Education for Equity and Justice (http://catalog.uwec.edu/undergraduate/education-human-sciences/ education-for-equity-justice/) and Special Education and Inclusive Practices (http://catalog.uwec.edu/undergraduate/education-humansciences/special-education-inclusive-practices/)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 WRIT 114, WRIT 116, WRIT 118, or WRIT 120 or the equivalent earning a C or
- 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. SEIP 208, ES 212 or the equivalent) with a grade of C or better.
- 9. Specific department criteria are found under the Department of Education for Equity and Justice (http://catalog.uwec.edu/undergraduate/educationhuman-sciences/education-for-equity-justice/) and Special Education and Inclusive Practices (http://catalog.uwec.edu/undergraduate/educationhuman-sciences/special-education-inclusive-practices/)Department Overview Pages.

Application Procedure

Students must formally apply to the professional program. The number of students admitted to a program is often limited by resources available and 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 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 and what teaching major they wish to pursue. These students are expected to have a minimum GPA of 2.5.

Admission to the Teaching **Professional Semester (Student** Teaching)

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 Notice of Intent to Student Teach Applications

Students who plan to enter the professional semester during the fall semester of the next academic year must file a Notice of Intent to Student Teach with the Teacher Education Program office in the fall. Students who plan to enter the professional semester during the spring semester of the next academic year must file a Notice of Intent to Student Teach with the Teacher Education Program office in the spring. Information concerning the Notice of Intent to Student Teach will be advertised widely and posted across campus each semester with an associated due date.

Students are encouraged to submit their Notice of Intent to Student Teach by the announced due date. Considerable time is required to process each notice—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 on time will benefit by the careful consideration that can be given to their requests; the later a notice is received, the fewer the placement assignments and choices still available will be. Failure to file a Notice of Intent to Student Teach 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 for admission to the professional semester by December 1 for the following fall.

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.
- 4. Approval of the major and minor department(s). Departments may have separate criteria they use to determine approval.
- 5. Resident and total GPAs of at least 2.75; GPAs of at least 2.75 in the major(s) and minor(s) intended for certification. All college-level courses attempted by the student are included when major, minor, and total GPAs are determined for admission to the professional semester and for graduation.
- 6. Completion of the 30 hour Human Relations Fieldwork requirement.
- 7. Evidence of freedom from tuberculosis. Tests are provided by Student Health Services or results of tests must be provided by the student when filing for the professional semester.

- 8. Approval by the appropriate departments in the Colleges of Education and Human Sciences and Arts and Sciences.
- 9. Completion of required criminal background check.

Deadline for Meeting Criteria

For placements in the fall semester, criteria for which the student is responsible (GPA, TB test, and criminal background check) 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.

Licensure to Teach

Criteria for Recommendation for Licensure:

- 1. Completion of a baccalaureate degree.
- 2. Completion of an approved teacher education major, minor, or certificate.
- 3. A 2.75 or higher GPA in the major and minor (where certifiable) and in the combination of all course work in the major, minor (where certifiable), and professional education courses exclusive of student teaching. All college-level courses attempted by the student except student teaching are included when major, minor, and professional education GPAs are determined for recommendation for licensure.
- 4. Completion of student teaching courses with a mark of S.
- 5. 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 or ACTFL written portion (WPT) exam for Languages candidates. All Languages candidates must pass the OPI/OPIc within three years prior to the start of student teaching.

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 may be submitted which parallels the content evaluated on the Praxis II exam. Portfolio artifacts will be approved in consultation with the Coordinator of the Teacher Education Program. The portfolio may only be submitted once. No portfolio option will be allowed for the WPT exam. The standardized examination and passing score shall be determined by the State Superintendent. All Elementary-Middle and Special Education majors and minors, and Early Childhood majors must earn a passing score on the FORT.

Wisconsin Application

College of Education and Human Sciences 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. Certification requirements vary by state. 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 understand the licensing requirements of other states. UW-Eau Claire programs are designed to meet the requirements in Wisconsin only.

Major Requirements

Teaching (Code 184-001)

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 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4 MATH 451 Teaching Mathematics with 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 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 216 Calculus III 4 MATH 324 Linear Algebra 4 MATH 330 Modern Geometry 4 MATH 345 Introduction to Probability and Mathematical Statistics 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 324 Linear Algebra 4 MATH 330 Modern Geometry 4 MATH 345 Introduction to Probability and Mathematical Statistics 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 330 Modern Geometry 4 MATH 345 Introduction to Probability and Mathematical Statistics 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 345 Introduction to Probability and Mathematical Statistics 1 One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
Mathematical Statistics ¹ One of the following: MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 425 Abstract Algebra I 3 or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
or MATH 316 Introduction to Real Analysis Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
Required mathematics courses: MATH 373 Issues in Secondary Mathematics 4
MATH 373 Issues in Secondary Mathematics 4
MATH 451 Teaching Mathematics with
Technology
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 Exploring Schooling K-12 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 Disciplinary Literacy and Study 2 Strategies
ES 357 Teaching Mathematics in Grades 4-12 2
Elective education courses choose two:
CSD 150 Introduction to Communication Sciences and Disorders
ES 315 Assessment for Learning
PSYC 332 Psychology of Adolescence
SEIP 306 Applied Behavior Analysis for Teachers
ES 283 Supporting Multilingual Learners

SEIP 219	Introduction to Developmental
	Disabilities and Autism Spectrum
	Disorders

¹ MATH 347 may be substituted for MATH 345.

This major is restricted to students in the College of Education and Human Sciences: Department of Education for Equity and Justice: Option B and leads to licensure to teach Mathematics in grades 4-12 classrooms.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- · Apply a broad range of perspectives, including numerical, graphical, algebraic, analytical and verbal, to effectively connect and communicate mathematical ideas.
- Use mathematics to model and solve appropriate problems.
- · Write mathematical proofs.
- · Work independently and collaboratively on mathematical problems.
- · Read and synthesize mathematical literature.
- · Combine multiple techniques of proof to establish the truth of a mathematical statement.

Sample Degree Plan

Mathematics Teaching, Comprehensive Major (B.S.)

The following is a sample degree plan, based on the 2023-2024 catalog. It is based on the 120-credit graduation requirement and assumes no transferred credits, no requirements waived by placement tests, no courses taken in the summer or winter, no repeated courses, and no remedial courses that may be required. This sample degree plan is intended for first-year students entering UW-Eau Claire in the fall semester. Your own degree plan may differ depending on the course of study selected (second major, minor, etc.). UW-Eau Claire cannot guarantee all courses will be offered as shown, but will provide a range of courses that may enable prepared students to fulfill their requirements in a timely period. This sample degree plan is just a guide. Please consult your advisor, your degree audit, and the catalog to create your own degree plan. Note: In order to earn the required minimum of 120 credits for the degree in four years, you should plan to take 15 credits each semester or 30 credits each year.

To earn a degree, students must fulfill all University Graduation Requirements, including the Liberal Education (LE) Core. LE Core course work in the following sample degree plan uses abbreviations such as LE-K1, LE-S2, LE-R3, and LE-11 to represent the learning outcomes students will meet via completion of their liberal education course work. Please click (https://catalog.uwec.edu/ undergraduate/graduation-requirements/)here (https://catalog.uwec.edu/ undergraduate/graduation-requirements/#header1)for a description of the Liberal Education Core outcomes and requirements. Note that the LE Core may be completed through both course and non-course experiences.

FIRST YEAR

FIRST SEMESTER		
MATH 114	Calculus I	4
Writing Requirement:		2-5
WRIT 114	Intensive Blugold Seminar in Critical	
	Reading and Writing (5 credits, LE-S1)	
or		

WRIT 116	Blugold Seminar in Critical Reading and Writing (5 credits, LE-S1)	
or		
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing (2 credits, LE-S1)	
or		
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students (2 credits, LE-S1)	
SECOND SEMESTER	t	
MATH 215	Calculus II	4
ES 212	Exploring Schooling K-12	2
SOME TIME IN THE	FIRST YEAR	
I1)	rse above 305 (suggested LE-S3 and/or LE-	3
LE Core Elective - So	me time in 1st or 2nd year	4
LE Core Elective - Soi	me time in 1st or 2nd year	3
Elective - Some time	·	3
Communication/Jou		3
CJ 201	Introduction to Interpersonal Communication (LE-S1)	
or		
CJ 202	Fundamentals of Speech (3 credits, LE-S1)	
or		
CJ 203	Fundamentals of Human Communication (3 credits, LE-S1)	
Elective - Some time	in 1st or 2nd year	3
Elective - Some time TOTAL FIRST YEAR	in 1st or 2nd year	3 31-34
	in 1st or 2nd year	
TOTAL FIRST YEAR	in 1st or 2nd year	
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216	Calculus III	
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345	Calculus III Introduction to Probability and Mathematical Statistics (Fall only)	31-34
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR	31-34
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR rse above 305 (suggested MATH 307 - LE-	31-34
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE MATH Elective - Cou	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR	31-34
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE MATH Elective - Cou S3 and LE-I1) MATH 324 LE Core Elective - Soi	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR rse above 305 (suggested MATH 307 - LE- Linear Algebra me time in 1st or 2nd year	31-34 4 4 3
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE MATH Elective - Cou S3 and LE-I1) MATH 324	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR rse above 305 (suggested MATH 307 - LE- Linear Algebra	31-34 4 4 4
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE MATH Elective - Cou S3 and LE-I1) MATH 324 LE Core Elective - Soi	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR rse above 305 (suggested MATH 307 - LE- Linear Algebra me time in 1st or 2nd year Social Foundations: Human Relations	31-34 4 4 3
TOTAL FIRST YEAR SECOND YEAR FIRST SEMESTER MATH 216 MATH 345 SOME TIME IN THE MATH Elective - Cou S3 and LE-I1) MATH 324 LE Core Elective - Soi ES 385 PSYC 260	Calculus III Introduction to Probability and Mathematical Statistics (Fall only) SECOND YEAR rse above 305 (suggested MATH 307 - LE- Linear Algebra me time in 1st or 2nd year Social Foundations: Human Relations (LE-R1, DDIV)	31-34 4 4 3 3
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THIRD YEAR

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FIRST SEMESTER		
MATH 373	Issues in Secondary Mathematics (Fall only)	4
SEIP 300	Inclusive Practices for Secondary Educators	3
SECOND SEMESTER -	Apply for Admission to Program	
MATH 451	Teaching Mathematics with Technology (Spring only)	4
SEIP 306	Applied Behavior Analysis for Teachers	3
SOME TIME IN THE TH	HIRD YEAR	
MATH 425	Abstract Algebra I	3
ES 415	Assessment and Evaluation in Grades 1-12	2
	rledge 3 (LE-K3) Humanities and LE 2 (LE-R2) Global Perspectives	3
LE Core Elective: Know	ledge 4 (LE-K4) Fine Arts	3
MATH 330	Modern Geometry	4
TOTAL THIRD YEAR		30
FOURTH YEAR		
FIRST SEMESTER		
ES 312	General Methods of Teaching	2
ES 318	Teacher Assisting	1
ES 328	Disciplinary Literacy and Study Strategies	2
ES 357	Teaching Mathematics in Grades 4-12 (Fall only)	2
ES 317	Middle Level Methods and Curriculum	2
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
SECOND SEMESTER		
ES 445	Student Teaching in Middle Level Education	5
ES 470	Student Teaching in Secondary Education	5
ES 497	Field Experience Seminar (LE-S3 and LE-I1)	2
TOTAL FOURTH YEAR		24

Minimum total for the baccalaureate degree = 120 credits

RECOMMENDATIONS FOR HIGH IMPACT PRACTICES (HIPs)

The University of Wisconsin-Eau Claire encourages all students to participate in High Impact Practices. The following information identifies any specific recommendations that faculty in this major have concerning which HIPs might be most beneficial to students, and any recommendations about when those HIPs best fit into the degree plan. Students should also consult their faculty advisor for information on HIPs. There are many additional high impact opportunities available. Talk to your academic advisor for $more\ information\ about\ incorporating\ HIPs\ like\ Study\ Abroad,\ Intercultural$ Immersion, Internship, and/or Student/Faculty Collaborative Research into your time at UW-Eau Claire.

Once admitted to the Teacher Education Program, students participate in High Impact Practices during the Block semester and Student Teaching.

Liberal Education (LE) Core Guidance

Liberal Education Core (LE Core)

The LE Core comprises 17 learning experiences across 11 learning outcomes. Students must complete a minimum of 36 credits in courses approved for the LE Core.

- K1 Natural Sciences; two experiences (one lab science experience is required in K1 or K2).
- K2 Social Sciences; two experiences (one lab science experience is required in K1 or K2).
- K3 Humanities; two experiences.
- K4 Fine Arts; one experience.
- S1 Written and Oral Communication; two experiences (one experience must satisfy the University writing requirement).
- S2 Mathematics; one experience (must satisfy the University math competency requirement).
- S3 Creativity; one experience (can be fulfilled in a student's major).
- R1 Equity, Diversity, and Inclusivity; two experiences (one experience must meet the UW System Design for Diversity (DD) requirement).
- R2 Global Perspectives; one experience.
- R3 Civic and Environmental Issues; one experience.
- 11 Integration; two experiences (one experience can be fulfilled in a student's major).
- SL—Service Learning; 30 hours

Additional LE Core Information

- Most LE Core learning experiences are course based, and many courses meet more than one learning outcome (e.g., K3 and R2 or K1 and R3).
- Some learning experiences can also be met outside of a traditional course (e.g., undergraduate research (S3), study abroad (I1)).
- S1 An English placement score that fulfills the University writing requirement fulfills one S1 experience.
- S1 A foreign Language placement score that qualifies the student to enter the 102 level satisfies one S1 experience.
- S1, R2 A foreign language placement score that qualifies the student to enter the 202 level satisfies one experience in S1 and the R2 experience.
- S2 A math placement score that qualifies the student to enter Math 111, 112, 113 or 114 fulfills the S2 experience.
- S3 Completion of two credits from any approved music ensemble fulfills the S3 experience.
- 11 Any semester long study abroad program can fulfill one I1 experience.