Geography, Environmental Geography, Comprehensive Major

Liberal Arts (Code 140-007)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

<table>
<thead>
<tr>
<th>Credit Requirement</th>
<th>Minimum Total for Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper division credits (courses numbered 300 and higher)</td>
<td>39</td>
</tr>
<tr>
<td>Liberal Education Core</td>
<td>36</td>
</tr>
</tbody>
</table>

Academic Concentrations

Grade Point Requirements

<table>
<thead>
<tr>
<th>Requirement</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

Minimum total

Senior year

Major, Standard, upper division in residence

Major, Comprehensive, upper division in residence

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.

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>Credit Type</th>
<th>Maximum 12</th>
<th>Maximum 1</th>
<th>Maximum 2</th>
<th>Maximum 1</th>
<th>Maximum ¼ of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory/Unsatisfactory Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major, Standard</td>
<td></td>
<td></td>
<td></td>
<td>½ of total</td>
<td></td>
</tr>
<tr>
<td>Major, Comprehensive</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit by Examination Total</td>
<td></td>
<td>¼ of total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major or minor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>½ of total</td>
</tr>
<tr>
<td>Two-Year College Credits Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>72 credits</td>
</tr>
<tr>
<td>Activity credit (band, chorus, drama, KINS 100-184) Total</td>
<td></td>
<td></td>
<td>1 credit</td>
<td></td>
<td>12 credits</td>
</tr>
<tr>
<td>Total Band, chorus, drama</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single course band, chorus, drama</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 credits</td>
</tr>
</tbody>
</table>

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.

<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>
<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>Integration Goal</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>
</tbody>
</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 (http://catalog.uwec.edu/undergraduate/graduation-requirements/).

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 (http://catalog.uwec.edu/undergraduate/arts-sciences/#academicprogramstext).

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 5 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 5
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)

Environmental Geography
Requires completion of the core courses, the required credits, and
departmental and non-departmental electives to total at least 60 credits.

A minimum of 60 semester credits, including completion of the following:

Geography Major Core Requirements
- 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 341 Quantitative Methods in Geography 3
- GEOG 401 Capstone Seminar 3

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.

In addition to the core requirements for the geography
major, students in the Environmental Geography Emphasis
must take:

- 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

Environmental Hazards
- 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
- 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 Advanced Special Topics 1-3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<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.