

GEOGRAPHY, ENVIRONMENTAL GEOGRAPHY, COMPREHENSIVE MAJOR

Liberal Arts (Code 140-007)

University Requirements

| Code | Title | Credits |
|---|--|-----------------------|
| 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 | 36 |
| | Academic Concentrations | |
| Grade Point Requirements ² | | |
| | Total | 2.00 average |
| | Resident | 2.00 average |
| | Major | 2.00 average |
| | Minor | 2.00 average |
| | Certificate | 2.00 average |
| University Residency Requirements ³ | | |
| | 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.

³ See special requirements for the College of Education and Human Sciences.

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.

| Code | Title | Credits |
|--|--|------------------------------|
| 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

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

Skills Outcome 2 (S2): Mathematics One (1) learning experience

One S2 to meet the University Mathematics Requirement

Skills Outcome 3 (S3): Creativity One (1) learning experiences

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.

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.

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

Comprehensive Major

A minimum of 60 semester credits, including completion of:

| | | |
|----------|-----------------------------------|---|
| 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 to be selected from three of five Advanced Geography Approaches ¹

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) 12

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.

Physical Geography

| Code | Title | Credits |
|----------|---------------------------------|---------|
| 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

| Code | Title | Credits |
|----------|---|---------|
| 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

| Code | Title | Credits |
|----------|--|---------|
| GEOG 155 | Economic Geography | 3 |
| GEOG 188 | Cultural Landscapes of North America | 3 |
| GEOG 312 | Space, Society, Subject | 3 |
| GEOG 322 | Native Geographies | 3 |
| GEOG 351 | Cross-Cultural Dynamics | 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

| Code | Title | Credits |
|----------|--|---------|
| GEOG 280 | Cartographic Design | 3 |
| GEOG 335 | Geographic Information Systems I 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 370 | Quantitative Methods in Geography ¹ | 3 |

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|----------|------------------------------------|---|
| GEOG 435 | Geographic Information Systems III | 3 |
| GEOG 438 | Advanced Remote Sensing | 3 |
| GEOG 455 | Web Geographic Information Systems | 3 |

Regional Geography

| Code | Title | Credits |
|----------|---|---------|
| 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

| Code | Title | Credits |
|------|-------|---------|
|------|-------|---------|

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.