

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 for major programs. Four courses from at least three advanced approaches are required for minor programs.

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 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
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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 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

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.