

# GEOGRAPHY

## Bachelor of Arts degree with a major in Geography

### Minor in Geography

### Department Chair

Rosemary Sherriff, Ph.D.

### Department of Geography

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[humboldt.edu/geography](http://humboldt.edu/geography)

### The Program

Students completing this program will have demonstrated the ability to:

- collect data; know where to acquire such and what technology should be employed
- layout and design best geographics
- develop and apply information literacy
- understand causes and implications of spatial interactions and movement patterns
- demonstrate skills and competencies of geographic traditions
- analyze, synthesize, and interpret spatial information
- apply geographic thinking in real-world contexts
- analyze and/or appraise real-world societal issues.

We offer a quality undergraduate program incorporating a wide range of courses in human and physical geography, as well as cartography and geospatial techniques. Students obtain a strong geographic foundation through a sequence of introductory classes, along with a skills-based methodology course and research lab. Geographic concepts, ideas, and skills are developed and mastered in upper-division regional, systematic, and in-depth geography courses. Our majors further develop and demonstrate geographic mastery through a research-based senior capstone. While our program is designed to ensure breadth in geographic education, students are also encouraged to develop depth by specializing in one of the department's three emphasis areas:

- The Human World
- The Physical Environment
- Geospatial Systems

The department upholds a strong tradition of field study, including expeditions to the Tibetan Plateau, the Cascades, the Sierra Nevada, and other landscapes of the American west, as well as linkages to overseas programs in China, Europe, and Latin America.

### Preparation

In high school take history, government, mathematics, science, and a foreign language.

### REQUIREMENTS FOR THE MAJOR

*For a description of degree requirements to be fulfilled in addition to those listed below for the major, please see "The Bachelor's Degree" section of the catalog, pp. 66-81.*

*Students must earn a minimum grade of C- in all required courses for the major.*

### Geographic Foundation (14 -18 units)

*The following six foundation courses are required:*

GEOG 105	(3)	Human Geography
GEOG 106	(3)	Physical Geography
GEOG 106L	(1)	Physical Geography Lab
GSP 101	(2)	Geospatial Concepts
GSP 101L	(1)	Geospatial Concepts Lab
GEOG 310L	(1)	Geographic Research Lab

*Select one methodology course:*

GEOG 311	(3)	Geographic Research & Writing, <b>or</b>
ESM 230 <sup>†</sup>	(3)	Environmental Methods* [Prereq: STAT 108 (3) or STAT 108i (3) and STAT 8 (1) or STAT 109 (4)]

### Regional Synthesis (3-4 units)

*Select one of the regional courses below:*

GEOG 309	(3)	The Silk Road
GEOG 319	(4)	Emergence of the Modern Middle East
GEOG 322	(3)	California
GEOG 332	(3)	Geog. of the Mediterranean
GEOG 335	(3)	Geog. of the Middle East
GEOG 344	(3)	South America
GEOG 375	(3)	Tibet and the Himalaya
GEOG 472	(3)	Topics in Reg. Geography

### Systematic Geography (18-22 units)

*Six systematic geography courses are required, including one course from each of the systematic emphasis areas (the Human World, the Physical Environment, Geospatial Systems). Students are encouraged to specialize in one area of systematic geography by taking at least two of the remaining three required systematic courses in one emphasis area.*

\* Recommended for students who wish to specialize in the physical environment.

### The Human World

GEOG 300	(3)	Global Awareness
GEOG 301	(3)	International Environmental Issues & Globalization
GEOG 304	(3)	Migrations & Mosaics
GEOG 360	(3)	Geography of the World Economy
GEOG 363	(3)	Political Geography
GEOG 365	(4)	Political Ecology
GEOG 470	(3)	Topics in Geography for Teachers
GEOG 471	(3)	Topics in Systematic Geography

### The Physical Environment

GEOG 302	(3)	Global Ecology and Biogeography
GEOG 352	(3)	Regional Climatology
GEOG 353	(3)	Mountain Geography
GEOG 357	(3)	Climate Change, Ecosystems, and People
GEOG 473	(3)	Topics in Advanced Physical Geography
GEOG 306	(3)	General Geomorphology
WSHD 310	(4)	Hydrology and Watershed Management

### Geospatial Systems

GSP 216	(3)	Intro to Remote Sensing
GSP 270	(3)	Geographic Information Science (GIS)
GSP 316	(4)	Cartography
GSP 318	(3)	Introduction to Geospatial Programming
GSP 326	(3)	Intermediate Remote Sensing
GSP 370	(3)	Intermediate GIS
GSP 416	(4)	Advanced Cartography Design Seminar

### Depth Experience (2 units)

*Select a minimum of two upper division depth experience courses:*

GEOG 300M	(1)	Global Awareness D.E.
GEOG 302M	(1)	Global Ecology and Biogeography D.E.
GEOG 304M	(1)	Migrations & Mosaics D. E.
GEOG 322M	(1)	California D. E.
GEOG 332M	(1)	Geog.: Mediterranean D.E.
GEOG 344M	(1)	South America D.E.
GEOG 352M	(1)	Regional Climatology D. E.
GEOG 353M	(1)	Mountain Geography D. E.
GEOG 357M	(1)	Climate Change, Ecosystems, and People D.E.
GEOG 360M	(1)	Geography of the World Economy D.E.
GEOG 361M	(1)	Settlement Geography D. E.
GEOG 363M	(1)	Political Geography D.E.

- GEOG 471M (1) Topics in Systematic  
Geography D. E.  
GEOG 472M (1) Topics in Regional  
Geography D. E.  
GEOG 473M (1) Topics in Physical  
Geography D. E.

**Senior Capstone (4 units)**

*The following capstone course is required.*

- GEOG 411 (4) Senior Field Research

**REQUIREMENTS FOR THE MINOR**

*Students must earn a minimum grade of C-  
in all required courses for the minor.*

*Take two of the following three options within  
the geographic foundation (6 units).*

- GSP 101 (2) Geospatial Concepts **and**  
GSP 101L (1) Geospatial Concepts Lab  
GEOG 105 (3) Human Geography  
GEOG 106 (3) Physical Geography

Plus at least three upper division electives via  
written contract with the department chair

