

BACHELOR OF SCIENCE IN GEOGRAPHY



GEOGRAPHY: MORE THAN JUST A MAJOR

Geographers study the interaction between physical and human processes that shape the globe, including natural resources, land use, and populations. Students in our department develop a holistic understanding of the earth and its environment. By taking coursework in a variety of high demand areas such as Geographic Information Systems (GIS), Field Surveying, Lidar Mapping, and Broadcast Meteorology, our students are well positioned to enter the workforce in a growing range of career paths. From academia to private firms to state, local and federal government agencies, geographers can be found working in every sector of the workforce.

This well-rounded degree can prepare you for jobs such as:

- Urban and Regional Planners
- Mapping Technicians and Cartographers
- Environmental Scientists and Consultants
- Climatologist
- Broadcast Meteorologist
- GIS Analyst
- Remote Sensing Specialist
- Hydrologist

HANDS ON COURSEWORK AND FIELD EXPERIENCES

Through internships, field trips, and classroom projects, Geography students receive high impact learning experiences that prepare them for their future career. From learning to use the latest field equipment and technology to broadcasting weather forecasts on WEIU television, our students get hands-on experiences outside the classroom.

STUDENT ORGANIZATIONS AND SCHOLARSHIPS

The geography program sponsors two student organizations, Geography Club and Gamma Theta Upsilon (GTU) Honor Society in Geography. Both clubs work together to sponsor field trips and social outings throughout the year. The geography program also awards 10-12 scholarships annually to our majors. Scholarships can range from \$200 - \$2000 each year.

QUESTIONS? CONTACT:

DEPARTMENT OF
GEOLOGY & GEOGRAPHY

GEOSCIENCE@EIU.EDU
(217) 581-2626



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BACHELOR OF SCIENCE IN GEOGRAPHY

HUMAN GEOGRAPHY OPTION

The Geography: Human Geography Option (B.S.) Major requires students to fulfill a total of 34 semester hours. The core curriculum consists of 10 semester hours of required courses and 24 semester hours from department electives.

CURRICULUM REQUIREMENTS: 34HRS

A COURSES 3 CREDIT HOURS UNLESS NOTED

+ REQUIRED CORE COURSEWORK (10 HRS)

GEO 1100G Cultural Geography
GEO 1120G The Natural Environment (4 hrs)
GEO 3810 Intro to Geographic Info Systems

+ HUMAN/REGIONAL ELECTIVES (15 HOURS)

GEO 1200G World Regional Geography
GEO 3000 Geography of Illinois
GEO 3025 Geography of the US & Canada
GEO 3050 Geography and Culture of Africa
GEO 3055 Geography and Culture of Asia
GEO 3060 Geography and Culture of Europe
GEO 3065 Geography and Culture of Latin America
GEO 3200 Human Impacts on the Environment
GEO 3600 Economic Geography
GEO 3620 Geography of Tourism
GEO 3640 Geography of Sports
GEO 3650 Advanced Cultural Geography
GEO 3700 Historical Geography of the United States
GEO 3750 Population Geography
GEO 3775 Urban Geography
GEO 40001 Human Geography Seminar (1-3 hrs)
GEO 44101/2/3 Independent Study (1-3 hrs)
OR GEO 44401/2/3 UG Research in Geography (1-3 hrs)
STA 3970 Study Abroad

+ ENVIRONMENTAL/PHYSICAL ELECTIVES (6 HOURS)

GEO 1400G Weather and Climate (4 hrs)
GEO 2000G Food and Agriculture
GEO 2450G Oceanography
GEO 3020 Natural Disasters
GEO 3115 Introduction to Paleoclimate (4 hrs)
GEO 3320 Natural Resource Management
GEO 3340 Land Change Science
GEO 3400 Broadcast Meteorology Practicum
GEO 3410 Climatology
GEO 3420 Geomorphology
GEO 3550 Surface Water Processes and Resources
GEO 40002 Env/Physical Geography Seminar (1-3 hrs)
GEO 4850 Environmental Geology

+ TECHNIQUES ELECTIVES (3 HRS)

GEO 3820 Remote Sensing I
GEO 3825 Lidar Mapping
GEO 3830 GIS: Building Geodatabase
GEO 3875 Field Methods
GEO 3885 Quantitative Methods
GEO 40003 Techniques Seminar (1-3 hrs)
GEO 42851/2/3 Internship in Geo (1-6 hrs)
GEO 4810 Cartography & Visualization
GEO 4910 GIS Programming (4 hrs)

ENVIRONMENTAL/PHYSICAL GEOGRAPHY OPTION

The Geography: Environmental/Physical Geography Option (B.S.) Major requires students to fulfill a total of 52 semester hours. The core curriculum consists of 16 semester hours of required courses and 36 semester hours from department electives.

CURRICULUM REQUIREMENTS: 52 HRS

A COURSES 3 CREDIT HOURS UNLESS NOTED

+ REQUIRED CORE COURSEWORK (16 HRS)

GEO 1100G Cultural Geography
GEO 1120G The Natural Environment (4 hrs)
GEO 3810 Intro to Geographic Info Systems
GEO 3875 Field Methods
GEO 3885 Quantitative Methods in Geography

+ HUMAN/REGIONAL ELECTIVES (9 HOURS)

GEO 1200G World Regional Geography
GEO 3000 Geography of Illinois
GEO 3025 Geography of the US & Canada
GEO 3050 Geography and Culture of Africa
GEO 3055 Geography and Culture of Asia
GEO 3060 Geography and Culture of Europe
GEO 3065 Geography and Culture of Latin America
GEO 3600 Economic Geography
GEO 3620 Geography of Tourism
GEO 3640 Geography of Sports
GEO 3650 Advanced Cultural Geography
GEO 3700 Historical Geography of the United States
GEO 3750 Population Geography
GEO 3775 Urban Geography
GEO 40001 Human Geography Seminar (1-3 hrs)
STA 3970 Study Abroad (1-16 hrs)

+ ENVIRONMENTAL/PHYSICAL ELECTIVES (18 HOURS)

GEO 1400G Weather and Climate (4 hrs)
GEO 2000G Food and Agriculture
GEO 2450G Oceanography
GEO 3020 Natural Disasters
GEO 3200 Human Impacts on the Environment
GEO 3115 Introduction to Paleoclimate (4 hrs)
GEO 3320 Natural Resource Management
GEO 3340 Land Change Science
GEO 3400 Broadcast Meteorology Practicum
GEO 3410 Climatology
GEO 3420 Geomorphology
GEO 3550 Surface Water Processes and Resources
GEO 40002 Env/Physical Geography Seminar (1-3 hrs)
GEO 44101/2/3 Independent Study (1-3 hrs)
OR GEO 44401/2/3 UG Research in Geography (1-3 hrs)
GEO 4850 Environmental Geology

+ TECHNIQUES ELECTIVES (9 HRS)

GEO 3780 Land Use Planning
GEO 3820 Remote Sensing I
GEO 3825 Lidar Mapping
GEO 3830 GIS: Building Geodatabase
GEO 3870 Remote Sensing II
GEO 40003 Techniques Seminar
GEO 42851/2/3 Internship in Geo (1-3 hrs)
GEO 4810 Cartography & Visualization
GEO 4910 GIS Programming (4 hrs)