

GEOGRAPHY, MINOR

In high school, your geography class probably focused on maps and locations – but the field is so much broader than that. Geography bridges the physical and human world, using both scientific and humanistic methods to explain, predict, and interpret people's impact on the planet and the planet's impact on people.

UWM's geography students graduate with exceptional abilities, both intellectual and technological, to analyze data about space, place, and people - and how they relate to each other. They understand how to make sense of seemingly unrelated pieces of information by bringing together diverse facts and values. They also are adept at presenting information visually - for example, maps!

Some examples of research topics that today's geographers are tackling include climate change, land use patterns, environmental justice, racial segregation, migration and refugees, natural hazards, and animal migration.

Geographic Information Science (GIS) is a growing specialty within geography. GIS is a technical system for capturing, storing, and analyzing diverse types of data in relation to location on Earth, and it enhances decision-making in both the private and public sectors. For example, a small town may use GIS data to determine where to place fire stations and personnel based on patterns of forest fires and populations; or a corporation may use GIS to plan the location of a new store based on shopping and traffic patterns.

Related Programs

For the teaching major and minor, see the School of Education (<http://catalog.uwm.edu/education/>) section of this catalog. A related special major is International Studies (<http://catalog.uwm.edu/letters-science/international-studies/>). Related certificate programs include Asian Studies (<http://catalog.uwm.edu/letters-science/asian-studies-undergraduate-certificate/>), Latin American and Caribbean Studies ([http://catalog.uwm.edu/letters-science/latin-american-caribbean-studies-undergraduate-certificate/](http://catalog.uwm.edu/letters-science/latin-american-caribbean-studies/latin-american-caribbean-studies-undergraduate-certificate/)), and Middle Eastern and North African Studies (<http://catalog.uwm.edu/letters-science/middle-eastern-north-african-studies-undergraduate-certificate/>).

Requirements

The geography minor requires the completion, with a GPA of 2.0 or above in all geography courses attempted at UWM, of 18 credits in geography courses, at least 9 of which must be at the 300 level or above taken in residence at UWM. In addition, students must attain a 2.0 GPA on all courses attempted in the minor, including transfer work. The following are required:

Code	Title	Credits
Required		
Select one of the following:		3
GEOG 105	Introduction to Human Geography	
GEOG 110	The World: Peoples and Regions	
GEOG 114	Geography of Race in the United States	
GEOG 115	Globalization and Economic Development	
GEOG 140	Our Urban Environment: Introduction to Urban Geography	

GEOG 213	Geography of Asia	
GEOG 231	Muslim Geographies: Identities and Politics	
GEOG 120 or GEOG 125	Our Physical Environment Introduction to Environmental Geography	3
GEOG 215 or GEOG 405	Introduction to Geographic Information Science Cartography	3
Electives		
Select 9 credits		9
Total Credits		18

Cross-listed Courses

The following courses offered by the Department of Geosciences may be used to fulfill the requirements of the undergraduate major or minor in geography.

Code	Title	Credits
GEO SCI 401	General Soil Science	3
GEO SCI 409	Process Geomorphology	4

Contact Information

Current Students contact Associate Professor Hyejin Yoon at yoon3@uwm.edu

Prospective Students contact a Letters & Science Admissions Counselor at

(414) 229-7711 or let-sci@uwm.edu

<http://uwm.edu/geography/undergraduate/>