

GEOGRAPHY (MINOR)

Overview

Minor: Geography
Program Code: M726

The geography minor is meant for students who would like to acquire basic knowledge of geography in addition to their major area of study. CMU also offers an additional undergraduate certificate in [GIS](#).

Geography faculty use a wide range of qualitative and quantitative research methods, including geographic information systems (GIS), participatory methods, ethnography, remote sensing, spatial modeling, and spatial statistics, to address applied research questions. The geography curriculum is complementary to the larger Applied Anthropology and Geography major.

Undergraduate minors can expect to gain knowledge of and/or participate in faculty research related to:

- Geographic information systems
- Urban geography
- Economic geography
- Nature-society geography
- Land use management
- Climate change implications for societies and ecosystems
- Cultural geography
- Cartography
- Political geography
- Critical development studies

The geography minor is built on the core values of the Applied Anthropology and Geography program. These values emphasize the use of spatial data, which is broadly defined to include cultural and physical landscapes as well as the human body. The liberal arts education combined with transferable expertise in GIS sets the student up for a broad variety of careers in the public and private sectors.

Requirements

Each section below contains details about the requirements for this program. Select a header to expand the information/requirements for that particular section of the program's requirements.

To print or save an overview of this program's information, including the program description, learning outcomes, requirements, suggested course sequencing (if applicable), and advising and graduation information, scroll to the bottom of the left-hand navigation menu and select "Print Options." This will give you the options to either "Send Page to Printer" or "Download PDF of This Page." The "Download PDF of This Page" option prepares a much more concise presentation of all program information. The PDF is also printable and may be preferable due to its brevity.

Institutional Minor Requirements

The following institutional requirements apply to all CMU minors. Specific programs may have different requirements that must be met in addition to institutional requirements.

- A minor consists of 15-24 semester hours. There may be prerequisites required for the minor which will increase the total

number of credit hours for a student who has not already taken those prerequisites.

- Courses taken to satisfy Essential Learning, major requirements, or electives **can** be counted toward the minor if applicable.
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- At least 25 percent of the classes must be taken at CMU.
- 2.00 cumulative GPA or higher for the courses used for the minor.
- A minor is not a degree by itself and must be earned at the same time as a baccalaureate degree.
- A minor must be outside the major field of study.
- A student may earn up to five minors with any baccalaureate degree at CMU.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements sheet you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

Program Specific Certificate Requirements

Code	Title	Semester Credit Hours
Select 9 credit hours of the following foundational courses:		9
GEOG 102	Human Geography-GTSS2	
GEOG 103	World Regional Geography-GTSS2	
GEOG 131	Introduction to Cartography	
GEOG 296	Topics:	
GEOG 341 & 341L	GIS for Social Scientists and GIS for Social Scientists Lab ¹	
GEOG 356	Geographies of Migration ¹	
GEOG 396	Topics: ²	
GEOG 496	Topics: ²	
Select 6 credit hours from your area of specialization:		6
<i>Nature-Environment Geography</i>		
ENVS 373	Climate Change Adaptation	
GEOG 326	Colorado Archaeology: A Geographical Perspective	
GEOG 396	Topics: ²	
GEOG 496	Topics: ²	
HIST 410	Environmental History of the United States	
POLS 484	Environmental Political Theory	
SOCO 305	Environmental Sociology	
<i>Geographic Information Systems</i>		
GIST 321 & 321L	Introduction to Remote Sensing and Introduction to Remote Sensing Laboratory	
GIST 332 & 332L	Introduction to Geographic Information Systems and Introduction to Geographic Information Systems Laboratory	
GEOG 341 & 341L	GIS for Social Scientists and GIS for Social Scientists Lab ¹	
GIST 375 & 375L	Global Positioning Systems for GIS and Global Positioning Systems for GIS Laboratory	

GIST 422 & 422L	GIS Data Management and Editing and GIS Data Management and Editing Laboratory
GIST 432 & 432L	Spatial Analysis and Modeling in GIS and Spatial Analysis and Modeling in GIS Laboratory
<i>Human Geography</i>	
ANTH 341	Indigenous Cultures of North America
CRMJ 490	Comparative Criminal Justice
FLAS 312	History and Culture of Latin America
GEOG 326	Colorado Archaeology: A Geographical Perspective
GEOG 341 & 341L	GIS for Social Scientists and GIS for Social Scientists Lab ¹
GEOG 354	Political Geography
GEOG 356	Geographies of Migration ¹
GEOG 396	Topics: ²
GEOG 496	Topics: ²
HIST 319	History of the United States-Mexico Borderlands
HIST 320	The American West
HIST 331	The 20th Century
HIST 333	The International History of the Cold War
HIST 340	History of the Middle East
HIST 345	History of Immigration, Race, and Ethnicity in America
HIST 347	Global America: 1970-2000
HIST 410	Environmental History of the United States
POLS 328	American Court Systems
POLS 356	Indigenous Politics
POLS 366	Government and Politics of Asia
POLS 372	Peace and Conflict Studies
POLS 373	Global Politics of Women and Gender
POLS 471	International Organizations and Law
POLS 475	American Foreign and National Security Policy
POLS 482	International Relations Theory
SOCO 314	Population
SOCO 316	Social Inequality
SOCO 325	Race and Ethnic Relations
SOWK 355	Social Work with Immigrants and Refugees
STAT 312	Correlation and Regression
Total Semester Credit Hours	15

¹ Courses cannot count in both the foundational section and the area of specialization.

² Topics courses may be taken more than once as long as the title/content of each course differs.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a minor. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head for the minor. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

A minor cannot be awarded by itself. It must be combined with a baccalaureate degree outside the major field of study. Students should follow the graduation process outlined for the baccalaureate degree and list their majors and minors on the "Intent to Graduate" form.

If a student's petition for graduation is denied, it will be their responsibility to consult the Registrar's Office regarding next steps.

Advising and Graduation Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a minor. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for their intended minor.