

GEOGRAPHY MINOR

Minor - Geography

College of Humanities & Sciences

Degree Specific Credits: 19

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

Summary

Code	Title	Hours
	Introduction to Geography	7
	Regional Core	3
	Geographic Methods	3
	Upper-Division Systematic Geography	6
	Teaching Geography Track	
	Total Hours	19

Introduction to Geography

Code	Title	Hours
Complete all of the following courses:		
GPHY 111N	Intro to Physical Geography	3
GPHY 112N	Intro to Phys Geography Lab	1
GPHY 121S	Human Geography	3
	Total Hours	7

Minimum Required Grade: C-

Regional Core

Code	Title	Hours
Complete one of the following courses:		
GPHY 141S	Geography of World Regions	3
GPHY 144	Glacier National Park in Winter	
GPHY 241	Montana	
GPHY 245X	The Middle East	
GPHY 342	North America	
GPHY 344	Crown of the Continent	
GPHY 347	Regional Geography (Multiple Regions)	
GPHY 348	Field Studies in Geography	
GPHY 444	High Asia	
	Total Hours	3

Minimum Required Grade: C-

Geographic Methods

Code	Title	Hours
Complete one of the following courses:		
GPHY 284	Intro to GIS and Cartography	3

GPHY 385	Field Techniques	
	Total Hours	3

Minimum Required Grade: C-

Upper-Division Systematic Geography

Rule: Complete at least 1 course from 2 of the following 3 subcategories. 6 total credits required.

Physical Geography

Code	Title	Hours
Complete one of the following courses:		
ERTH 303N	Weather and Climate	3
GPHY 311N	Biogeography	
GPHY 314	Global Mountain Environments	
GPHY 317	Geomorphology	
GPHY 438	Mountain Field Study	
GPHY 525	Advanced Physical Geography	
	Total Hours	3

Minimum Required Grade: C-

Geography and Society

Code	Title	Hours
Complete one of the following courses:		
GPHY 323S	Economic Geography of Rural Areas	3
GPHY 421	Sustainable Cities	
GPHY 434	Food and Famine	
	Total Hours	3

Minimum Required Grade: C-

Human Environment Interaction

Code	Title	Hours
Complete one of the following courses:		
GPHY 335	Water Policy	3
GPHY 338	Mountains and Society	
GPHY 432	Human Role Environmental Change	
GPHY 433	Community Resilience	
	Total Hours	3

Minimum Required Grade: C-

Teaching Geography Track

Notes:

- This teaching track contains different/additional course requirements designed to meet state standards. Those interested in teaching in K-12 schools must complete the teaching track of a major in a teaching content area plus the Teacher Education Program through the Department of Teaching and Learning. Additional teaching areas can be added through completion of the teaching track of a major or minor in that content area.
- Secondary Education Licensure Program (<http://www.coehs.umd.edu/departments/currinst/undergradprograms/seced/default.php>)

- Licensure Degree Requirements (<http://catalog.umn.edu/colleges-schools-programs/education-human-sciences/teaching-learning/lic-secondary-licensure>)
- To complete this teaching track, you need to contact the Teaching and Learning Department. You do not fill out a major/minor form for graduation or the major/minor/concentration section of the major change form. Approvals for this track must come from the Teaching and Learning Department.
- Tracks will not appear on your UM transcript, diploma, university lists, student data system, or university publications. They are used for advising purposes only. You do not fill out a major change for a track.
- Individuals completing the teaching track of this minor must also complete the teaching track of a major in another teaching content area.

Teaching Geography Required Course

Note: The EDU 497 course number is used for multiple courses. Students should register for EDU 497 Methods: 5-12 Social Studies.

Code	Title	Hours
Complete the following course:		
EDU 497	Teaching and Assessing	4
Total Hours		4

Minimum Required Grade: C-

Secondary Teaching Licensure

Note: For endorsement to teach geography, a student also must gain admission to the Teacher Education Program and meet all the requirements for secondary teaching licensure (<http://catalog.umn.edu/colleges-schools-programs/education-human-sciences/teaching-learning/lic-secondary-licensure>). For more information, see the Teaching and Learning Department (<http://catalog.umn.edu/colleges-schools-programs/education-human-sciences/teaching-learning>).