# Geography Minor

## Minor - Geography (Minor)

**College Humanities & Sciences**

**Degree Specific Credits:** 19  
**Required Cumulative GPA:** 2.0  
**Catalog Year:** 2017-2018

## Summary

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Geography</td>
<td>7</td>
</tr>
<tr>
<td>Regional Core</td>
<td>3</td>
</tr>
<tr>
<td>Geographic Methods</td>
<td>3</td>
</tr>
<tr>
<td>Upper Division Systematic Geography</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>19</td>
</tr>
</tbody>
</table>

## Introduction to Geography

**Rule:** Must 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

Select at least one of the following: 3

- GPHY 141S Geography of World Regions
- 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

**Rule:** Must complete 1 of the following courses

- GPHY 284 Intro to GIS and Cartography
- GPHY 385 Field Techniques

**Total Hours:** 3  
**Minimum Required Grade:** C-

## Upper Division Systematic Geography

**Rule:** Must complete at least 1 course from 2 subcategories:

- ‘Physical Geography’,  
- ‘Geography and Society’, and  
- ‘Human-Environment Interaction’

**6 Total Credits Required**

### Physical Geography

Select one of the following: 3

- ERTH 303N Weather and Climate
- 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

Select one of the following: 3

- GPHY 323S Economic Geography of Rural Areas
- GPHY 421 Sustainable Cities
- GPHY 434 Food and Famine

**Total Hours:** 3  
**Minimum Required Grade:** C-

### Human Environment Interaction

Select one of the following: 3

- GPHY 335 Water Policy
- GPHY 338 Mountains and Society
- GPHY 432 Human Role Environmental Change
- GPHY 433 Cultural Ecology

**Total Hours:** 3  
**Minimum Required Grade:** C-

## Teaching Geography Track

A teaching minor is an academic minor which may contain different course requirements designed to meet state standards. Those interested in teaching in K-12 schools must complete a teaching major in a content area plus the teacher preparation program through the Department of Curriculum and Instruction. Additional teaching areas can be added through completion of either a teaching major or a teaching minor in that content area.

- Secondary Education Licensure Program (http://www.coehs.umt.edu/departments/currinst/undergradprograms/seced/default.php)  
- Licensure Degree Requirements (catalog.umt.edu/colleges-schools-programs/education-human-sciences/teaching-learning/lic-secondary-licensure)

The term ‘minor’ for this teaching option refers to courses that need to be completed. To sign up for this option, you need to contact the Curriculum
and Instruction Department. Do not fill out a minor form for graduation or the minor section of the major change form. Approvals for this option must come from the Curriculum and Instruction Department.

Teaching Licensure Requirements

Note: Individuals completing a teaching minor must also complete a teaching major in another content area. Students must be formally admitted to the Teacher Education Program and complete all of the professional education licensure requirements. See the Department of Curriculum & Instruction (catalog.umt.edu/colleges-schools-programs/education-human-sciences/teaching-learning) in the College of Education and Human Sciences for more information. A minor GPA of 2.75 is required to be eligible for student teaching.

Teaching Methods Course

Rule: Complete the following course.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 497</td>
<td>Teaching and Assessing</td>
<td>4</td>
</tr>
</tbody>
</table>

Minimum Required Grade: C-