# Program Modification Form

## I. Summary of Proposed Changes

<table>
<thead>
<tr>
<th>Department/program</th>
<th>Geography, Minor in Mountain Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary</td>
<td>Add an elective to the Mountain Studies Minor</td>
</tr>
</tbody>
</table>

## II. Endorsements and Approvals

Please obtain the Program Chair/Director’s approval and Dean’s approval.

<table>
<thead>
<tr>
<th>Requestor:</th>
<th>Ulrich Kamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone:</td>
<td>243-6469</td>
</tr>
<tr>
<td>Program Chair/Director:</td>
<td>Christiane von Reichert</td>
</tr>
<tr>
<td>Department Dean</td>
<td>Jenny McNulty</td>
</tr>
<tr>
<td>Other affected Programs: (Use additional sheet if needed)</td>
<td></td>
</tr>
</tbody>
</table>

Are other departments/programs affected by this modification because of:

(a) required courses incl. prerequisites or corequisites,
(b) perceived overlap in content areas
(c) cross-listing of coursework

Please obtain signature(s) from the Chair/Director of any such department/program (above) before submission.

## III. Type of Program Modification

(e.g. adding a writing course required of all majors.) Please X check the appropriate box.

<table>
<thead>
<tr>
<th>Major</th>
<th>Minor</th>
<th>X</th>
<th>Option</th>
<th>Teaching major/minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>Please describe</td>
<td>Add ERTH 303 Weather and Climate as an elective to the Mountain Studies Minor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## IV. Catalog Language

If you are proposing a change to an existing program or major, please cut and paste the requirements as they appear in the current catalog below.

www.umt.edu/catalog ↓

Please provide the proposed copy as you wish it to appear in the catalog. ↓

Please see attached changes to Degree Builder

## V. Copies and Electronic Submission

Once approved, the original, a paper copy and an electronic file are submitted to the Faculty Senate Office, UH 221 (camie.focs@mso.umt.edu).

## VI. Department Summary

Required if several proposals are submitted. In a separate document list program title and proposed change of all proposals.

Revised 11-2009

Please explain/justify the new proposal or change. ↓

Conceptual: An understanding of weather and climate is useful for students minoring in Mountain Studies.

Practical: Several of the upper-division listed electives, such as Biogeography, are not offered in a regular schedule. The course ERTH 303 is offered on a regular basis as part of the Geography course offerings, giving students more choices and opportunities for completing the requirements for a Mountain Studies Minor.
Mountain Studies Minor

Mountain Studies is an interdisciplinary field of study focusing on the physical and human dimensions of mountain environments. Coursework in the minor emphasizes physical geography and mountain-society interactions, including a critical analysis of the processes of change and influence shaping local and regional mountain environments today. The minor in Mountain Studies takes advantage of existing faculty expertise and an array of courses to provide students with a science-based curriculum and global perspective. Students pursuing the minor in mountain studies will develop knowledge and skills appropriate for graduate study and for working with government and non-government agencies and groups.

Minor - Mountain Studies (Minor)

- Print This Page

College Humanities & Sciences

Catalog Year: 2014-2015

Degree Specific Credits: 18

Required Cumulative GPA: 2.5

Note: In addition to completing the requirements for a major in any discipline, students electing the minor in Mountain Studies must have a GPA of 3.0 in the major and complete a minimum of 18 additional credits in this minor.

Upper Division Core

Rule: Must complete all of the following courses

<table>
<thead>
<tr>
<th>Show All Course Descriptions</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Show Description</td>
<td>GPHY 314 - Global Mountain Environments</td>
<td>3 Credits</td>
</tr>
<tr>
<td>Show Description</td>
<td>GPHY 338 - Mountains and Society</td>
<td>3 Credits</td>
</tr>
</tbody>
</table>

Minimum Required Grade: C-

6 Total Credits Required

Region-Specific Mountain Studies

Rule: Must complete 6 credits from the following courses

Note: Two sections of NRSM 391 may be taken to fulfill this requirements, each for 3 credits:
1) Community and Conservation in the Northern Rockies
2) Ecological Restoration in Greater Yellowstone

<table>
<thead>
<tr>
<th>Show All Course</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>
**Descriptions**

- **Show Description** BIOL 342 - Field Ecology 5 Credits
- **Show Description** BIOL 459 - Alpine Ecology 3 Credits
- **Show Description** BIOO 101N - Survey MT Wildlife & Habitats 3 Credits
- **Show Description** BIOO 335 - Rocky Mountain Flora 3 Credits
- **Show Description** GEO 231 - Geosciences Field Methods 2 Credits
- **Show Description** GPHY 144 - Montana's Mountains 3 Credits
- **Show Description** GPHY 344 - Crown of the Continent 3 Credits
- **Show Description** GPHY 391 - Special Topics 1 To 12 Credits
- **Show Description** GPHY 438 - Mountain Field Study 3 Credits
- **Show Description** GPHY 442 - Regionalism & Rocky Mtn West 3 Credits
- **Show Description** GPHY 444 - High Asia 3 Credits
- **Show Description** NRSM 352 - Himalayan Environment and Dev 3 Credits
- **Show Description** NRSM 391 - Special Topics 0 To 12 Credits
- **Show Description** PTRM 353 - Tourism & Sustnibility Himalaya 3 Credits
- **Show Description** PTRM 418 - Winter Wilderness Field Stdies 3 Credits

Minimum Required Grade: C-

**General Mountain Studies**

**Rule:** Must complete 6 credits from the following courses

**Note:** One section of NRSM 311 fulfills this requirement: Conservation Biology in the Northern Rockies

**Show All Course Descriptions**

- **Show Description** BIOL 451 - Landscape Ecology 3 Credits
- **Show Description** ERTH 303 Weather and Climate 3 Credits
- **Show Description** FORS 330 - Forest Ecology 3 Credits
- **Show Description** GEO 391 - Special Topics 1 To 9 Credits
- **Show Description** GEO 433 - Global Tectonics 3 Credits
- **Show Description** GEO 488 - Snow, Ice and Climate 3 Credits
- **Show Description** GPHY 311N - Biogeography 3 Credits
- **Show Description** NASX 351 - Traditional Eco Knowledge 3 Credits
- **Show Description** NRSM 311 - Field Stds ecol/Human Commun 2 To 3 Credits
- **Show Description** NRSM 385 - Watershed Hydrology 3 Credits
- **Show Description** PTRM 482 - Wilderness & Protctd Area Mgt 3 Credits

Minimum Required Grade: C-

6 Total Credits Required