

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 biophysical-ecological 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. A field-based experience, either domestically or in an international setting, is encouraged.

General Degree Requirements

To earn a baccalaureate degree, all students must complete successfully, in addition to any other requirements, the University of Montana General Education Requirements. Please refer to the General Education Requirements page (<https://catalog.umat.edu/academics/general-education-requirements/>) for more information.

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umat.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umat.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

Minor - Mountain Studies

- 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 their major and complete a minimum of 18 additional credits in this minor.
- Each student must complete the core course, then complete 15 additional credits that support the student's academic interests in Mountain Studies. All elective courses must be approved by the program director.
- The Mountain Studies minor requires at least 6 credits in courses numbered 300 and above.
- Students can receive credit for special topics courses, relevant experiential learning and internship experiences, and for relevant courses taken at other universities.

Course Requirements

Code	Title	Hours
Core Course		
Complete the following course:		
GPHY 338	Mountains and Society	3
Electives		
Complete 15 credits from the following courses:		15

BIOE 342	Field Ecology
BIOE 416	Alpine Ecology
BIOE 439	Stream Ecology
BIOE 440	Conservation Biology
BIOE 451	Landscape Ecology
BIOE 453	Lake Ecology
BIOE 458	Forest and Fire Ecology
BIOO 335	Rocky Mountain Flora
ENST 410	TEK of Indigenous Peoples
ERTH 303N	Weather and Climate
FORS 330	Forest Ecology
FORS 333	Fire Ecology
GEO 101N	Introduction to Physical Geology
GEO 107N	Natural Disasters
GEO 201	The Rocky Planet
GEO 202	The Water Planet
GEO 318	Earth's Changing Climate
GEO 421	Hydrology
GEO 460	Process Geomorphology
GEO 488	Snow, Ice and Climate Change
GPHY 141S	Geography of World Regions
GPHY 241	Montana
GPHY 317	Geomorphology
GPHY 323S	Economic Geography of Rural Areas
GPHY 474	UAV Remote Sensing for Field Ecology
NASX 351	Traditional Ecological Knowledge
NRSM 121S	Environmental Science and Sustainability
NRSM 281	Science of Climate Change
NRSM 311	Field Studies in Ecosystems and Human Communities
NRSM 385	Watershed Hydrology
NRSM 346	Forest and Communities
NRSM 374	Yellowstone Studies
NRSM 391	Special Topics
PTRM 217S	Parks & Outdoor Recreation Management
PTRM 353	Tourism, Livelihoods and Sustainability in Mountains
PTRM 356	Wilderness Rescue and Survival
PTRM 418	Winter Wilderness Field Studies
PTRM 482	Wilderness & Protected Area Management

Total Hours **18**