

# CLIMATE CHANGE STUDIES MINOR

Peter McDonough, Director

Climate Change Studies is an inter-disciplinary program open to all majors. The program educates students in three areas of the climate change issue: science, society, and solutions. Coursework in the minor provides a foundation that enables students to engage the scientific, societal, and political dimensions of global climate change. Further, the focus on solutions with its orientation toward applied learning will help students develop critical thinking and problem solving skills. Participating students will enhance their major field of study. They will be better prepared to enter a broad range of professions and graduate programs where they can meet the emerging challenges and opportunities arising from climate change. Climate Change Studies is a joint program between the W.A Franke College of Forestry and Conservation, College of Arts and Sciences, and Missoula College's Energy Technology program.

## 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.umt.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.umt.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.umt.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 - CLIMATE CHANGE STUDIES

- Special topics courses and experimental offerings may apply to requirements at the direction of the Climate Change Studies program director.

### Course Requirements

Code	Title	Hours
<b>Required Course</b>		
Complete the following course:		
CCS 103X	Introduction to Climate Change: Science & Society	3
<b>Climate Change Science</b>		
Complete 6 credits of the following courses: 6		
ERTH 303N	Weather and Climate	
GEO 318	Earth's Changing Climate	
GEO 322	Energy and the Environment	
GEO 488	Snow, Ice and Climate Change	
GEO 568	Climate Sensitivity and Feedbacks	

GPHY 111N	Intro to Physical Geography: Climate, Landforms, and Vegetation	
GPHY 525	Advanced Physical Geography	
NRSM 281	Science of Climate Change	
NRSM 408	Natural Climate Solutions	
NRSM 418	Ecosystem Climatology	
<b>Climate Change and Society</b>		
Complete 6 credits of the following courses:		6
BIOM 327	Vector-Borne Diseases: Public Health Perspectives	
ECNS 433	Economics of the Environment	
ECNS 445	Introduction to Environmental Economics & Climate Change	
ENST 335L	Literature of the Earth	
ENST 427	Social Issues: The Mekong Delta	
ENST 480	Food Justice and Sustainability	
NRSM 326	Climate and Society	
NRSM 349E	Climate Change Ethics and Policy	
NRSM 428	Climate Policy	
PHL 112E	Intro Ethics and Environment	
PHL 323	Ethics of Climate Change	
PHL 415	Issues in the Anthropocene	
PSCI 428	Climate Policies: China & U.S.	
PUAD 503	Policy Analysis	
<b>Climate Change Solutions - Category A</b>		
Complete three credits of the following courses:		3
CCS 391	Climate Change Practicum	
CCS 395	Special Topics	
CCS 398	Climate Change Internship/SERV	
ENST 396	Supervised Internship (PEAS)	
ENST 437	Climate Change: Mekong Delta	
ENST 476	Community Sustainability in Practice	
NRSM 321	Field Studies and Energy Systems in Montana	
<b>Climate Change Solutions - Category B</b>		
Complete three credits of the following courses:		3
BGEN 160S	Issues in Sustainability	
BGEN 445	Sustainability Reporting	
BMGT 410	Sustainable Business Practices	
CCS 391	Climate Change Practicum	
ENST 225S	Sustainable Communities	
ENST 437	Climate Change: Mekong Delta	
GPHY 421	Sustainable Cities	
NRSM 321	Field Studies and Energy Systems in Montana	
<b>Total Hours</b>		<b>21</b>