

SUSTAINABILITY SCIENCE AND PRACTICE B.S.

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 (<http://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 (<http://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 (<http://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.

BACHELOR OF SCIENCE - SUSTAINABILITY SCIENCE AND PRACTICE Course Requirements

Code	Title	Hours
Sustainability Knowledge and Science		
Complete all of the following courses:		
BIOB 160	Principles of Living Systems	3
or BIOB 170N	Principles of Biological Diversity	
CHMY 121N	Introduction to General Chemistry	4
or CHMY 141N	College Chemistry I	
ENSC 105N	Environmental Science	3
ENSC 360	Applied Ecology	3
ENST 410	TEK of Indigenous Peoples	3
ERTH 101N	Earth Systems Science	3
NRSM 281	Science of Climate Change	3
Complete 2 of the following courses:		
BIOE 428	Freshwater Ecology	
BIOE 439	Stream Ecology	
BIOE 440	Conservation Ecology	
ENSC 470	Agroecology	
ERTH 303N	Weather and Climate	
GEO 318	Earth's Changing Climate	
GEO 420	Hydrogeology	
NRSM 210N	Soils, Water and Climate	
NRSM 265	Elements of Ecological Restoration	
NRSM 385	Watershed Hydrology	
NRSM 408	Natural Climate Solutions	
NRSM 415	Environmental Soil Science	
NRSM 418	Ecosystem Climatology	

NRSM 465	Foundations of Restoration Ecology	
STAT 451	Statistical Methods I	

Sustainability Theory

Complete the following course:

ENST 225S	Sustainable Communities	3
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Complete one of the following courses:

COMX 349	Communication, Consumption, and Climate	
ECNS 433	Economics of the Environment	
ENST 310	Environment Montana: A to Z	
ENST 480	Food Justice and Sustainability	
ENST 489S	Environmental Justice Issues & Solutions	

Analysis, Research, and Integrative Thinking

Complete all of the following courses:

ENST 201	Environmental Info Resources	3
STAT 216	Introduction to Statistics	4

Complete one of the following courses:

BGEN 445	Sustainability Reporting	
ENST 489S	Environmental Justice Issues & Solutions	
GPHY 284	Intro to GIS and Cartography	
or FORS 250	Intro to GIS for Forest Mgt	
GPHY 465	Planning Principles & Processes	
GPHY 466	Environmental Planning	

Sustainability in Practice: Internship ¹

Complete one of the following courses:

ENSC 396	Supervised Internship	3
ENST 396	Supervised Internship (PEAS)	
ENST 398	Cooperative Education/Intern	

Sustainability in Practice and Capstone Experience

Complete one of the following courses:

ENST 476	Community Sustainability in Practice	
ENST 499	Senior Thesis/Capstone	

Total Hours **50**

1

3 credits are required; 6 are recommended. Other internships may be used to complete this requirement at the discretion of the program director.