Environmental Science and Management, Minor

The Environmental Science and Management Minor offers an introduction into the interrelationships between how humans interact with the Earth and other living things. The minor provides supplemental knowledge and skills for graduate programs and careers related to environmental science and management.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		**21**
Discipline Core Requirements		**10 Credits**
Required Courses		
ENVT 1110	Introduction to Environmental Management PP	3
ENVT 2560	Environmental Health	3
ENVT 2710	Environmental Careers	1
ENVT 3850	Environmental Policy WE	3
Elective Courses		**11 Credits**
Complete at least 11 credits from the following list, at least six need to have an ENVT designation. In addition, at least eight credits must be 3000-level or higher.		11
Environmental Science and Management		
ENVT 1200	Environmental Worker Safety (3)	
ENVT 1270	Environmental Microbiology (3)	
ENVT 1300	Environmental Lab and Sampling (3)	
ENVT 1510	Hazardous Materials Emergency Response (3)	
ENVT 2730	Introduction to Soils (4)	
ENVT 3010	Environmental Toxicology (3)	
ENVT 3210	Water Quality and Reclamation (undefined)	
ENVT 3280	Environmental Law (3)	
ENVT 3290	Environmental Reporting WE (3)	
ENVT 3320	Hydraulics of Water (3)	
ENVT 3330	Water Resources Management (3)	
ENVT 3530	Environmental Management Systems (3)	
ENVT 3550	Site Investigation (3)	
ENVT 3750	Land Use Planning (3)	
ENVT 3790	Applied Hydrology WE (4)	
ENVT 3800	Energy Use on Earth GI (3)	
ENVT 482R	Geologic Environmental Internship (1-3)	
ENVT 495R	Special Projects in Environmental Management (1-3)	
Geography		
GEOG 2000	Sustainability and Environment SS (undefined)	
GEOG 3400	Environmental Remote Sensing (3)	
GEOG 3440	Geospatial Data Science (3)	
GEOG 3600	Introduction to Geographic Information Systems (4)	
GEOG 3650	Advanced Geographic Information Systems (4)	
GEOG 3700	Wetland Studies (3)	
GEOG 3705	Wetland Studies Laboratory (1)	
GEOG 4100	Geospatial Field Methods (3)	
Geology		
GEO 1010	Introduction to Geology PP (3)	
or GEO 1030	Natural Disasters and the Environment PP	
or GEO 1040	The Dinosaurian World PP	

or GEO 1050	Geology of National Parks PP	
GEO 1015	Introduction to Geology Laboratory (1)	
GEO 1080	Introduction to Oceanography PP (3)	
GEO 1085	Introduction to Oceanography Laboratory (1)	
GEO 3000	Environmental Geochemistry (3)	
GEO 3100	Isotope Geochemistry (3)	
GEO 3105	Isotope Geochemistry Laboratory (1)	
GEO 3200 & GEO 3205	Geologic Hazards and Geologic Hazards Laboratory (4)	
GEO 3500 & GEO 3505	Geomorphology WE and Geomorphology Lab (4)	
At most 4 credits of the following may be used towards elective requirements:		
GEO 4790	Hydrogeology (4)	
BIOL 2500	Environmental Biology BB (3)	
BIOL 3700	General Ecology (3)	
BIOL 3800	Conservation Biology (3)	
BOT 4050	Plant Ecology (3)	
CHEM 3020	Environmental Chemistry (3)	
CHEM 3025	Environmental Chemistry Laboratory (1)	
ENST 3000	Introduction to Environmental Studies (3)	
Or other electives approved by the chair of the Earth Science Department		

Graduation Requirements

1. Grade of C- or higher in all courses used to satisfy requirements of the minor.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (http://www.uvu.edu/wolverinetrack/).

First Year		
Semester 1		**Credit Hours**
ENVT 1110	Introduction to Environmental Management PP	3
	Credit Hours	**3**
Semester 2		
ENVT 2710	Environmental Careers	1
ENVT 2560	Environmental Health	3
	Credit Hours	**4**
Second Year		
Semester 3		
ENVT 3850	Environmental Policy WE	3
Minor Elective		3
	Credit Hours	**6**
Third Year		
Semester 5		
Minor Elective		4
	Credit Hours	**4**
Semester 6		
Minor Elective		4
	Credit Hours	**4**
	Total Credit Hours	**21**

Program Learning Outcomes

1. Analyze interactions between natural systems and human activities.
2. Synthesize ideas and data from multiple disciplines to address complex environmental challenges.