

## Environmental Studies, Minor

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### Requirements

Environmental Studies explores the complex links between human culture and the natural world. The program challenges students to critically examine both the ecological and social context of environmental issues and the numerous connections between natural and social systems, from local to global scales. It is undeniable that humans have a profound impact on the environment. To have the greatest positive influence, we must seek knowledge of the structure and function of natural systems, as well as an understanding of how culture affects the way we perceive nature.

### Total Program Credits: 18

Discipline Core Requirements:		3 Credits
<a href="#">ENST 3000</a>	Introduction to Environmental Studies	3
Elective Requirements		15 Credits
Choose 6 credits from the following courses in the College of Humanities and Social Sciences or the Woodbury School of Business.		6
<a href="#">ANTH 3150</a>	Culture Ecology and Health (3)	
<a href="#">ANTH 3830</a>	Biology and Culture (3)	
<a href="#">COMM 3115</a>	Communicating in Environments (3)	
<a href="#">COMM 3130</a>	The Culture of Nature and Technology (3)	
<a href="#">ENGL 3460</a>	Wilderness and Environmental Writing (3)	
<a href="#">HIST 3800</a>	Environmental History of the United States (3)	
<a href="#">PHIL 3530</a>	Environmental Ethics (3)	
<a href="#">PHIL 4300</a>	Environmental Aesthetics (3)	
or	<a href="#">HUM 4300</a>	Environmental Aesthetics (3)
	<a href="#">PHIL 3460</a>	The Ethics of Human/Animal Relationships (3)
or	<a href="#">SOC 3800</a>	Animals and Society (3)
	<a href="#">ENST 3520</a>	Environmental Sociology (3)
or	<a href="#">SOC 3520</a>	Environmental Sociology (3)
	<a href="#">ECON 3040</a>	Environmental Economics (3)
Any other advisor approved courses		
Choose 6 credits from the following courses in the College of Science. 3 of these credits must be at the 3000 or 4000 level.		6
Biology		
<a href="#">BIOL 1010</a>	General Biology BB (3)	
<a href="#">BIOL 1610</a> and <a href="#">BIOL 1615</a>	College Biology I BB and College Biology I Laboratory (5)	
<a href="#">BIOL 1620</a> and <a href="#">BIOL 1625</a>	College Biology II BB and College Biology II Laboratory (4)	
<a href="#">BIOL 2500</a>	Environmental Biology (3)	
<a href="#">BIOL 3700</a>	General Ecology (3)	

<a href="#">BIOL 3800</a>	Conservation Biology (3)	
<a href="#">ENVT 3280</a>	Environmental Law (3)	
<a href="#">BIOL 4000</a>	Freshwater Ecology (4)	
<a href="#">BIOL 4260</a>	Ethical Issues in Biology WE (2)	
Botany		
<a href="#">BOT 2050</a>	Field Botany 3)	
<a href="#">BOT 2100</a>	Flora of Utah (3)	
<a href="#">BOT 3800</a>	Ethnobotany WE (4)	
<a href="#">BOT 4050</a>	Plant Ecology (3)	
<a href="#">BOT 4300</a>	Native Trees and Shrubs of Utah (3)	
<a href="#">BOT 4500</a>	Introduction to Grasses (3)	
Chemistry		
<a href="#">CHEM 1120</a>	Elementary Organic Bio-Chemistry (4)	
<a href="#">CHEM 3020</a>	Environmental Chemistry (3)	
<a href="#">CHEM 4030</a>	Radiochemistry (3)	
Environmental Management		
<a href="#">ENVT 1110</a>	Introduction to Environmental Management (3)	
<a href="#">ENVT 1210</a>	Introduction to Water Reclamation (3)	
<a href="#">ENVT 1270</a>	Environmental Microbiology (3)	
<a href="#">ENVT 1360</a>	Introduction to Water Treatment (3)	
<a href="#">ENVT 1510</a>	Hazardous Materials Emergency Response (3)	
<a href="#">ENVT 2560</a>	Environmental Health (3)	
<a href="#">ENVT 2730</a>	Introduction to Soils (4)	
<a href="#">ENVT 3280</a>	Environmental Law (3)	
<a href="#">ENVT 3330</a>	Water Resources Management (3)	
<a href="#">ENVT 3630</a>	Introduction to Geographic Information Systems (4)	
<a href="#">ENVT 3750</a>	Land Use Planning (3)	
<a href="#">ENVT 3770</a>	Natural Resources Management (3)	
<a href="#">ENVT 3800</a>	Energy Use on Earth (3)	
Geology		
<a href="#">GEO 1020</a>	Prehistoric Life (3)	
<a href="#">GEO 1080</a>	Introduction to Oceanography (3)	
<a href="#">GEO 1220</a>	Historical Geology (3)	
<a href="#">GEO 3000</a>	Environmental Geochemistry (3)	
<a href="#">GEO 3200</a>	Geologic Hazards (3)	
<a href="#">GEO 3500</a>	Geomorphology WE (4)	
<a href="#">GEO 4510</a>	Paleontology (4)	
Geography		
<a href="#">GEOG 1000</a>	Introduction to Physical Geography (3)	
<a href="#">GEOG 3400</a>	Environmental Remote Sensing (3)	
<a href="#">GEOG 3600</a>	Introduction to Geographic Information Systems (4)	
<a href="#">GEOG 3650</a>	Advanced Geographic Information Systems (4)	
<a href="#">GEOG 3700</a>	Wetland Studies (3)	

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	<a href="#">GEOG 3800</a>	Environmental History of the United States (3)	
Meteorology			
	<a href="#">METO 1010</a>	Introduction to Meteorology (3)	
	<a href="#">METO 3100</a>	Climate and the Earth System (3)	
Physics			
	<a href="#">PHYS 1800</a>	Energy You and the Environment (3)	
	<a href="#">PHYS 3800</a>	Energy Use on Earth (3)	
Outdoor Recreation			
	<a href="#">REC 2200</a>	Foundations of Recreation (3)	
	<a href="#">REC 2700</a>	Leave No Trace Trainer (1)	
	<a href="#">REC 385G</a>	Ethical Concerns in Recreation (3)	
	<a href="#">REC 420R</a>	Outdoor Leadership and Management Practicum (2)	
	<a href="#">REC 4400</a>	Natural Resource and Protected Area Management (3)	
Zoology			
	<a href="#">ZOO 3100 and ZOO 3105</a>	Vertebrate Zoology and Vertebrate Zoology Laboratory (4)	
	<a href="#">ZOO 3200 and ZOO 3205</a>	Invertebrate Zoology and Invertebrate Zoology Laboratory (4)	
	<a href="#">ZOO 3300 and ZOO 3305</a>	Herpetology and Herpetology Laboratory (4)	
	<a href="#">ZOO 3430 and ZOO 3435</a>	Entomology and Entomology Laboratory (4)	
	<a href="#">ZOO 3500 and ZOO 3505</a>	Mammalogy and Mammalogy Laboratory (4)	
	<a href="#">ZOO 4000</a>	Animal Behavior (3)	
	<a href="#">ZOO 4600</a>	Ornithology (4)	
	Choose an additional 3 credits from any of the courses listed above – OR – complete 3 hours of research credits, service project credits, or internship credits		3

## Environmental Studies, 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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and *Italicized*.

Semester 1	Course Title	Credit Hours	
	<i>ENST 3000</i>	Introduction to Environmental Studies	3
	Core Elective	Choose one elective from College of Science	3
	Semester total:		6
Semester 2	Course Title	Credit Hours	
	Core Elective	Choose one elective from the College of Humanities and Social Sciences or the Woodbury School of Business	3
	Core Elective	Choose one elective from the College of Science	3
	Semester total:		6
Semester 3	Course Title	Credit Hours	
	Core Elective	Choose one elective from the College of Humanities and Social Sciences or the Woodbury School of Business	3
	Semester total:		3
Semester 4	Course Title	Credit Hours	
	Core Elective	See List	3
	Semester total:		3
	Degree total:		18