Environmental Studies: Bachelor of Science (B.S.)

Degree Type
Bachelor of Science

This major is for students whose environmental interest is more interdisciplinary. This major prepares students for a career with a solid understanding of environmental issues, policy and principles and practices of sustainability. Graduates of this program have gone on to work as naturalists/teachers, environmental lawyers, land protection specialists in land conservation organizations and trail crew leaders and to graduate programs, among other choices.

Learning Outcomes

Upon completion of this program students will:

- Locate, evaluate and share information effectively and responsibly.
- Demonstrate an understanding of group/team dynamics, the ability to assess teamwork and work effectively in a team.
- Communicate informed and responsible action to address ethical, social and environmental challenges. They will evaluate and apply diverse perspectives to complex subjects within natural and human systems in the face of multiple and even conflicting positions (i.e., cultural, disciplinary and ethical).
- Critically analyze and engage with complex, interdependent global systems (social, economic and environmental) and develop both a functional and a working knowledge of interactions within and among natural and global systems with an emphasis on human impacts, sustainability and problem-solving.
- Assess their own ethical values and the social context of problems, recognize ethical issues in a variety of settings and develop a personal statement/philosophy with regard to principles of ethics and sustainability.

Environmental Studies B.S. Progress to Completion Requirements:

*ENV 301 and ENV 302 must be taken in consecutive semesters; if ENV301 needs to be repeated, then ENV 302 cannot be taken until ENV 301 is repeated.

Students must have a minimum cumulative GPA of C (2.00) in all of the required courses above to graduate.

Item #	Title	Credits
ENV 120	Introduction to Environmental Science (+lab)	4.0
ENV 201	Water Resources (+lab)	4.0
ENV 204	Geographic Information Systems I	4.0
ENV 218	Principles and Practice of Sustainability	4.0
ENV 301	Community-Based Project I (+lab)	8.0
ENV 302	Community-Based Project II (+lab)	4.0
ENV 306	Introduction Environmental Law and Policy	4.0
ENV 325	Global Sustainability	4.0
ENV 401	Senior Seminar	1.0
ENV 485	Internship Experience	4.0-6
ENV 487	Senior Capstone Seminar I	2.0
ENV 488	Senior Capstone Seminar II	2.0
	Total of 8 credits from this list	

Suggested Registration Sequence

First Year - Fall

Item #	Title	Credits
ENV 101	Exploring Nature: A Sense of Place (+Lab)	4.0
WRT 101	Introduction to Academic Writing	4.0
FYE 101	First Year Experience	4.0
	Lib Ed - Liberal Education Core Course	4

First Year - Spring

Item #	Title	Credits
ENV 120	Introduction to Environmental Science (+lab)	4.0
	Lib Ed - Liberal Education Core Course	4
	Lib Ed - Liberal Education Core Course	4
	MAT - Quantitative Literacy Proficiency	4

Sophomore Year - Fall

Item #	Title	Credits
ENV 201	Water Resources (+lab)	4.0
	ENV 218 or Free Elective Course	4
	Lib Ed - Liberal Education Core Course	4
	Lib Ed - Liberal Education Core Course	4

Sophomore Year - Spring

Item #	Title	Credits
ENV 204	Geographic Information Systems I	4.0
	ENV 306 or ENV 325	4
	Lib Ed - Liberal Education Core Course	4
	Free Elective Course	4

Junior Year - Fall

Item #	Title	Credits
ENV 301	Community-Based Project I (+lab)	8.0
	IE - Integrative Experience Course	4
	ENV 218 or Free Elective Course	4

Junior Year - Spring

Item #	Title	Credits
ENV 302	Community-Based Project II (+lab)	4.0
	ENV 306 or ENV 325	4
ENV 487	Senior Capstone Seminar I	2.0
	Free Elective Course or ENV 485	4-6

Junior Year - Summer

Item #	Title	Credits
ENV 485	Internship Experience	4.0-6

Senior Year - Fall

Item #	Title	Credits
ENV 401	Senior Seminar	1.0
	Free Elective Course	4
	Free Elective Course	4
	Free Elective Course	4

Senior Year - Spring

Item #	Title	Credits
ENV 488	Senior Capstone Seminar II	2.0
	Free Elective Course or ENV 306	4
	Free Elective Course	4
	Free Elective Course	4