

Winthrop University

Environmental Sciences and Studies

The environmental sciences and studies program at Winthrop University is an interdisciplinary program that focuses on understanding today's environmental issues and examining topics from diverse viewpoints in anticipation of finding meaningful contributions to their solutions. The program challenges you academically while preparing you for a rewarding experience in future endeavors whether it be a compelling employment opportunity or graduate school.

If you want to be a part of this growing field, consider one of the following majors: a B.S. in environmental sciences or a B.A. in environmental studies. Environmental sciences majors approach environmental issues from a technical perspective, while environmental studies majors tend to focus more on the people in the environment as they propose solutions. In addition to these exciting majors, the program also offers a minor in sustainability that can easily be added to almost any major on campus.



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Dalton Endowed Chair of Environmental Sciences and Studies

If you're interested in environmental issues from almost any angle, we definitely have something to offer you. Environmental issues arise in all kinds of fields, from geology, chemistry, and biology to psychology, ethics, public policy, and law. This is why all of Winthrop's environmental programs have an interdisciplinary perspective, drawing on concepts, approaches, and applications from several different fields. Winthrop's environmental sciences and environmental studies students learn how science, technology, and human relations connect, and how decisions made in one field influence another. Environmental problems can be found anywhere in the world, and environmental graduates are needed to come up with innovative and effective solutions to difficult problems.

Quick Facts

40+

Environmental Science and Studies Majors

7+

disciplines integrated through curriculum

2

distinct degree programs

Degree Programs

Bachelor of Arts
in Environmental Studies

Bachelor of Science in
Environmental Sciences

Minor in Sustainability

"The best thing about the degree was that I was able to focus on what I wanted. It's a wide enough major that I could find something to fit who I was; yet it was also focused enough that I was able to find a job easily. I still refer to my first few semesters at Winthrop: from the first environmental class all the way to my senior seminar." - Blake Center '13

Co-Curricular Experiences Open To All Environmental Sciences & Studies Majors

- Undergraduate research with faculty from a variety of fields
- study abroad
- internships
- service learning
- summer fellowships

Extra-Curricular Activities Open To All Environmental Sciences & Studies Majors

- Winthrop Outdoor Adventure Club
- Environmental Students Clubs

Freshman Class Schedule

ACAD 101	Introduces first-year students to the concepts, resources, and skills necessary for successful higher learning and facilitates the student's adjustment to the learning academy.
WRIT 101	Introduces students to college-level, thesis-driven, research-based writing.
ENVS 101	Case studies are used to explore environmental issues from multiple perspectives.
BIOL 150-151	Introduces unifying principles in biology using such topics as ecology, biodiversity, evolution, genetics, and cells.
SPCH 201	Introduces principles and procedures of speech communication with emphasis on speech preparation, delivery, and evaluation.
CHEM 105 (if ENSC major)	A study of the fundamental principles of chemistry focusing on atomic and molecular structure, various properties and states of matter, electrochemistry, acid-base reactions, and the energy balance of matter and reactions.
PLSC 201 (if ENST major)	Introduces national governmental institutions and explores the political processes that shape public policy.

“The Winthrop environmental program provided me with a solid foundation of environmental knowledge and skills, while the university offers a great variety of classes

allowing you to tailor your degree to your specific preference and interests.”

- Mark White '12

Scholarship Opportunities:

Lillie Fuller Moredock Endowed Scholarship: provides undergraduate scholarships and student travel funds for academic purposes.

Margaret E. Spencer Undergraduate Fellowship: for rising juniors or seniors to conduct substantive summer projects (research, service, internship, or similar) that will help them become experts in their subject areas or gain experience working in an environmental field.

For more information: www.winthrop.edu/cas/environmental



“As part of Winthrop’s environmental program, I had the great opportunity to attend the NCSE conference. The presenters were top members of their fields and I learned a lot about the many path options in the field of food, water and energy.”

- Lauren Miller '16

Potential Careers

In Environmental Sciences and Studies

- Sustainability
- Renewable Energy
- Environmental Compliance Specialist
- Water Conservation Specialist
- Park Naturalist
- Game Warden
- Environmental Educator
- Ecotourism
- Waste Management
- Urban and Regional Planning
- Environmental Policy
- Environmental Art and Design

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