

Bachelor of Science in Environmental Science









The Bachelor of Science in Environmental Science offers the interdisciplinary education you need to become a well-rounded professional and start making a difference in the world. With a science background, you can prepare for unique roles in government or the private sector, helping combat today's environmental challenges.

This curriculum — through courses that cover current environmental events, concerns and controversies — will help you develop a deep understanding of how scientific principles and the environment impact each other. You'll study topics like [biology](#) and [chemistry](#) and take courses that reveal the nuances of environmental issues like [environmental law](#) and [risk assessment](#). Additionally, you'll expand your critical thinking, information utilization and analytical skills.

If you're looking to help governments or businesses tackle environmental issues or prepare to pursue a graduate degree, explore the program offerings and information below to see how this program can help.

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Differentiators

 Curriculum Alignment	 Today's Issues	 Pace Yourself
Stay current by learning relevant skills and knowledge from curriculum that's aligned with STEM fields.	Study contemporary issues such as sustainability, environmental ethics, and public policy analysis.	Pursue your degree without adding stress to your schedule by taking one class at a time.
 Small Class Size	 Resources and Support	 Career Preparation
Get the personal attention you deserve with classes that average 15 students or less.	Enjoy access to helpful online tools including both academic and career resources.	Round out your skills and knowledge by taking electives outside the environmental science program as you work toward your degree.

Objectives

The Bachelor of Science degree with a mathematics requirement and primary majors in natural sciences and history is designed to provide students with substantive academic content in the discipline of their choice. The degree provides an academic content area foundation for students interested in pursuing further graduate or alternative route methodology courses required for teaching certification in all states. The degree also provides an academic foundation for students interested in pursuing further graduate education necessary for postsecondary teaching positions in liberal arts at most colleges and Universities. This program does not directly prepare students for certification or licensure as a teacher. The degree also provides an academic foundation for students interested in pursuing further graduate education necessary for postsecondary teaching positions in natural science or history at most colleges and universities. Focused studies are designed to provide an interdisciplinary component that will increase the student's breadth of learning. The program will provide workers in business and government, as well as education, with learning that promotes critical thinking, information utilization, collaboration, communication, and analytical skills essential to effective and efficient work productivity.

The major in Environmental Science is designed to provide students with a comprehensive understanding of the relationship between scientific principles and the environment. Topics will include biological and ecological fundamentals, the environment and society, environmental management and law, global health, risk assessment, ethics, and technology.

Requirements and Prerequisites

You'll need **120** credits to complete this program, which may be earned from a combination of required and elected courses. However, required courses may vary based on previous experience, training or transferable credits. [View general requirements.](#)

Core Courses

Principles Of Biology	BIO101
Conservation Biology	BIO280

General Chemistry I	CHM150
General Chemistry II	CHM151
Principles Of Environmental Science	ENV100
Physical Geology	GLG220
People, Science And The Environment	SCI256
Plant Physiology	BIO204
General Biology	BIO240
Physical Geography	GEO180
Oceanography	SCI209
Ecology And Evolution	BIO315
Environmental Economics	ECO370
Environmental Law	ENV320
Environmental Toxicology	ENV410
Environmental Risk Assessment	ENV420
Environmental Issues And Ethics	SCI362
Environmental Sustainability	SUS300
Environmental Management	ENV310
Global Change	ENV315
Energy And The Environment	ENV340
Water And Wastewater Treatment Technology	ENV350
Watershed Hydrology	ENV400
Public Policy Analysis	ENV431

While widely available, not all programs are available in all locations or in both online and on-campus formats. Please check with a University Enrollment Representative.