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.
Differentiators

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

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<tr>
<th>Principles Of Biology</th>
<th>BIO101</th>
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<tr>
<td>Plant Physiology</td>
<td>BIO204</td>
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General Biology BIO240
Conservation Biology BIO280
Ecology And Evolution BIO315
General Chemistry I CHM150
General Chemistry II CHM151
Environmental Economics ECO370
Principles Of Environmental Science ENV100
Environmental Management ENV310
Global Change ENV315
Environmental Law ENV320
Energy And The Environment ENV340
Water And Wastewater Treatment Technology ENV350
Watershed Hydrology ENV400
Environmental Toxicology ENV410
Environmental Risk Assessment ENV420
Public Policy Analysis ENV431
Physical Geography GEO180
Physical Geology GLG220
Oceanography SCI209
People, Science And The Environment SCI256
Environmental Issues And Ethics SCI362
Environmental Sustainability SUS300

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.