

Make your passion  
your career.

Accredited | 100% Online | 8 Start Dates a Year

## B.S. in Environmental Science and Climate Change

The world needs solutions! You can provide them. Create change in an environmental science career like green consulting, inspecting, engineering, and urban/regional planning. Earn your online environmental science and climate change degree to begin.

**Cost:** \$470 per credit  
**Military Discount:** \$423

### Job Outcomes, Growth\*, & Salary\*\*

Environmental Technician

\$ \$46k 📈 +8

Climate Resilience Scientist

\$ \$71k 📈 +8

Environmental Research  
Assistant

\$ \$47k 📈 +7

Environmental Program  
Analyst

\$ \$71k 📈 +8

\*Projected 10-year growth

\*\*National median salary

Source: O\*Net

## Program Features

- + **One-on-one academic and professional advising** as our world-class faculty and trained staff strive to make your professional and academic goals a reality.
- + **Unity College** is an accredited institution by New England Commission of Higher Education (NECHE).
- + **Experiential Online.** Experiential programs are delivered 100% online with field work designed with the working professional in mind.
- + **Study when and where you want** and finish your degree while still working full-time.
- + **Make professional connections** with leaders in your field.
- + **Get job placement assistance** through our career services department.
- + **Transfer friendly!** We will accept up to 90 credits.

## B.S. in Environmental Science and Climate Change

The B.S. in Environmental Science and Climate Change degree enables students to work effectively as environmental inspectors, consultants, engineers, or urban/regional planners. Learning through the lens of climate change adaptation and mitigation, this program also prepares students with a sound understanding of modern environmental issues and the professional skills needed for effective functioning in modern natural resource organizations.

## Job Outcomes, Growth\*, & Salary\*\*



### Environmental Technician

Median Salary: **\$46k**

Growth: **+8**

Environmental Technicians perform laboratory and field tests in order to monitor the environment and investigate sources of pollution and other hazards under the supervision of an environmental specialist. They collect samples of gases, soil, water, and other materials for testing to collect data.



### Climate Resilience Scientist

Median Salary: **\$71k**

Growth: **+8**

Climate Resilience Scientist are responsible for researching current and potential hazards to the environment that affect climate change. They perform studies and collect data to be analyzed in order to create effective solutions.



### Environmental Program Analyst

Median Salary: **\$71k**

Growth: **+8**

Environmental Program Analyst research and analyze policy developments related to protecting the environment. They are responsible for making recommendations for actions such as legislation, awareness campaigns, or fundraising approaches.

\*Projected 10-year growth

\*\*National median salary

Source: O\*Net

## Graduates of the B.S. in Environmental Science & Climate Change will be able to:

- + **Assess** the political, legal, economic, and social dynamics associated with environment issues and the management of environmental issues.
- + **Draw** on cross-disciplinary knowledge in the biological, physical, and social sciences to propose, evaluate, and explain management solutions to environmental problems.
- + **Explain** pressing environmental issues through the lens of climate change.
- + **Choose** and implement appropriate laboratory techniques for environmental analysis.
- + **Evaluate** information using scientific and quantitative reasoning skills.

## Program Core

- BIOL 201** Organisms that Sustain the Earth: Understanding Plants
- BIOL 203** Ecological Principles: Applications to Conservation and Wildlife
- CHEM 101** Chemistry I
- CHEM 102** Chemistry I Laboratory
- ENCJ 305** Natural Resource Law and Policy
- ESCI 101** Geology and Our Environment
- ESCI 301** Soil Analysis
- ESCI 303** Hydrology, Wetlands, and Water Policy
- ESCI 305** Environmental Remediation and Toxicology
- ESCI 401** Environmental Science Field Techniques
- MATH 401** Statistics for Wildlife Professionals OR **ENVS 303** Social Science for Environmental Professionals

## Environmental Professional Core

- EVPC 100** Ecoliteracy
- EVPC 201** Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation OR **EVPC 202** Environmental Issues: Energy, Water Scarcity, and Waste
- EVPC 301** Environmental Justice OR **EVPC 305** Building a Better World: Ethical Decision-Making
- EVPC 401** Transformational Leadership
- EVPC 490** Transdisciplinary Capstone

## General Education Core

- BIOL 103** Biology: Foundations of Life
- BIOL 104** Biology: Foundations of Life Laboratory
- BIOL 105** Biological Diversity, Ecology, and Evolution
- BIOL 106** Biological Diversity, Ecology, and Evolution Laboratory
- COMM 101** Writing for Environmental Professionals OR **COMM 201** Multimedia Communication for Environmental Professionals
- COMM 303** Communicating to Stakeholders
- ENVS 201** The Warming Planet: Understanding Climate Change
- MATH 201** Statistics for Environmental Professionals
- An Arts course
- A Humanities course
- A Language course
- A Social Sciences course

## General Electives

- 44 credits of general electives (includes **COMM 100**)

## College Wide Requirements

A minimum of 120 earned credit hours, 30 credits at the 300 level or above, a minimum of 30 credits earned at Unity, and an overall cumulative GPA of 2.0 or above.

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64 credits will be met by a Second Degree Transfer Block

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## Undergraduate Concentrations



### Emergency Disaster Management

Learn how to proceed in the face of disasters to protect our environment.



### Environmental Justice & Social Change

Protect our environment through policies and social change.



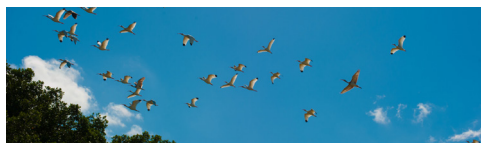
### Marine Biology & Sustainable Aquaculture

Explore all aspects of oceanography, from vegetation to mammals.



### Renewable Energy

Explore green technologies, such as wind, solar, geothermal and biomass power.



### Wildlife Ecology

Understand how to manage different types of wildlife.



### Sustainable Business

Develop sustainable business solutions and strategies for a modern world.



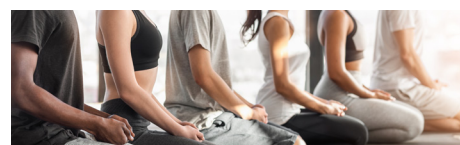
### Environmental GIS

Develop in-demand Geographic Information Systems (GIS) mapping skills.



### Animal Health & Behavior

Explore fundamental aspects of animal training and care.



### Environmental Health & Wellness Management

Explore fundamentals of policies and concepts that build healthier workplaces.



### Hemp Industry & Science

Explore the potential of the hemp industry and its products.



### Adventure Ecotourism

Bring adventure to clients while respecting the environment.



### Sustainable Food & Farming

Learn the systems that create a sustainable food culture.

## Undergraduate Concentrations



### Biomedical Sciences

Learn the fundamentals of biomedical studies and the science behind health care for humans and animals.



### Large Animal Studies

Learn about the care and management of large animals, including proper health, nutrition, and husbandry for equine and livestock animals.



### Environmental Health & Safety

Focuses on environmental responsibility and accountability.