Unity College’s B.S. in Wildlife Conservation prepares students to help preserve and manage natural resources and to gain skills for a career as a wildlife biologist. Unity College has been educating wildlife biologists for over 50 years, and now this important environmental degree is available online to anyone, anywhere. It is focused on the conservation and management of natural populations and their changing habitats is important, especially in this time of change.

**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.

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**Job Outcomes, Growth*, & Salary**

- **Wildlife Technician**
  - $45k
  - +2

- **Conservation Scientist**
  - $41k
  - +6.3

- **Industrial Ecologists**
  - $71k
  - +8

- **Research Associate**
  - $55k
  - +27.5

*Projected 10-year growth

**National median salary

Source: O*Net
B.S. in Wildlife Conservation

The B.S. in Wildlife Conservation and Social Change from Unity college enables students to work effectively as wildlife biologists, managers, and ecologists for government agencies, environmental nonprofits, and environmental consulting businesses. This program emphasizes sustainable management of wildlife species through consideration of the applicable social, economic, and environmental concepts. This program also prepares students with sound understanding of modern environmental issues and the professional skills needed for effective functioning in modern natural resource organizations.

Job Outcomes, Growth*, & Salary**

Conservation Scientist
Median Salary: $41k
Growth: +6.3
Conservation scientists manage, improve, and protect natural resources to maximize their use without damaging the environment. They conduct research to find ways to protect our environment. Conservation scientists often help bring awareness to environmental issues and ways to solve those problems.

Industrial Ecologists
Median Salary: $71k
Growth: +8
Industrial ecologists are responsible for applying the principles and processes of natural ecosystems to develop models for efficient industrial systems. They maximize the effective use of natural resources in the production and use of goods and services.

Research Associate
Median Salary: $55k
Growth: +27.5
Research Associates monitor the progress of various research projects and coordinate delivering the information. They also perform the tests and studies for a wide variety of experiments. They are responsible for collecting, preparing, analyzing, and evaluating results.

*Projected 10-year growth  **National median salary  Source: O*Net
Graduates of the B.S. in Wildlife Conservation will be able to:

- **Describe** fundamental ecological, social, legal, and economic concepts underlying effective wildlife management.
- **Identify** species of plants, birds and mammals of management concerns.
- **Describe** significant life history traits of plants and animals that influence wildlife habitat management.
- **Identify** management strategies for disease control in wildlife populations.
- **Demonstrate** ability to choose and implement appropriate field techniques used in wildlife management.
- **Design** a habitat management plan that applies common habitat management methods and principles.
- **Apply** common modeling and statistical techniques of estimating populations.

**Program Core**

- BIOL 201 Organisms that Sustain the Earth: Understanding Plants
- BIOL 203 Ecological Principles: Applications to Conservation and Wildlife
- COMM 303 Communicating to Stakeholders
- ENCJ 305 Natural Resource Law and Policy
- MATH 401 Statistics for Wildlife Professionals
- WCON 201 Wildlife Plant Identification: Wildlands and Wildlife Habitat
- WCON 301 Human Dimensions of Wildlife Conservation
- WCON 303 Life History and Identification of Birds and Mammals
- WCON 305 Wildlife Conservation Genetics
- WCON 307 Humans, Parasites, and Wildlife: Understanding the Impact of Insects on Wildlife
- WCON 403 Habitat Management for Wildlife
- WCON 405 Wildlife Population Management Environmental

**Environmental Professional Core**

- EVPC 101 Professional Skills
- 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
- ENVS 201 The Warming Planet: Understanding Climate Change
- MATH 101 College Algebra for Environmental Professionals
- MATH 201 Statistics for Environmental Professionals
- An Arts course
- 2 Communications courses
- Check here if only one COMM course complete
- A Humanities course
- A Language course
- A Social Sciences course

**General Electives**

- 34 credits of general electives

**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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Environmental Professional Core

Required:

- EVPC 101 Professional Skills
- EVPC 401 Transformational Leadership
- EVPC 490 Transdisciplinary Capstone

Choose From:

- EVPC 301 Environmental Justice OR EVPC 305 Building a Better World: Ethical Decision-Making

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
- MATH 201 Statistics for Environmental Professionals

College Wide Requirements

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

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

 Wildlife Ecology
Understand how to manage different types of wildlife.

 Animal Health & Behavior
Explore fundamental aspects of animal training and care.