

Turn your love of nature  
into a rewarding career.

**Accredited | Affordable | 8 Start Dates a Year**

## B.S. in Wildlife and Fisheries Biology

The Wildlife and Fisheries Biology degree at Unity College features the rigorous resource management curriculum you'd expect from a top fish and wildlife management degree program, along with courses in conservation biology, ecology, dendrology, and more. Our nationally recognized professors, exciting research opportunities, and hands-on learning place us among the most exciting wildlife biology colleges in the country. With a wildlife science degree from Unity, you'll be prepared to roll up your sleeves and solve the world's most pressing environmental problems.

**In Person Course:** \$550 per credit

**Online Course:** \$470 per credit

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

Wildlife/Fisheries Biologist

\$ \$62k 📈 +5%

Plant and Wildlife Survey  
Technician

\$ \$62k 📈 +3%

GIS Technician

\$ \$65k 📈 +15%

\*Projected 10-year growth

\*\*National median salary

Source: Burning Glass Technologies.  
Labor Insight™ -  
Accessed May 4, 2020.

## Program Highlights

Flexible and affordable, our Hybrid Learning programs offer students a new way to earn a degree from America's Environmental College. Students can choose where and how to learn according to individual preferences and ultimate career goals.

- + **Unity College** is an accredited institution by New England Commission of Higher Education.
- + **With eight start dates per year**, students can apply year-round and enter into the program at any point in the year.
- + **Our five-week terms** let students concentrate on just one or two classes at a time.
- + **All classes are taught by faculty experts in their respective fields** and trained in pedagogical practices specific to their modality, online or face-to-face.



## 94% of our graduates are employed full-time within six months of graduation.

### Nationally Recognized Program

The Wildlife and Fisheries Biology degree at Unity College features the rigorous resource management curriculum you'd expect from a top fish and wildlife management degree program, along with courses in conservation biology, ecology, field techniques, and more. Our nationally recognized professors, exciting research opportunities, and hands-on learning place us among the most exciting wildlife biology colleges in the country. With a wildlife science degree from Unity, you'll be prepared to roll up your sleeves and solve the world's most pressing environmental problems.

### Courses that Make the Difference

Graduates distinguish themselves in their strong preparation within the sciences, their career-relevant coursework, and their commitment to making a difference.

### Affordable and Flexible

The Unity College Wildlife & Fisheries Biology degree program offers students unparalleled affordability and flexibility through our immersive 5-week courses. Learn online and take optional in-person courses that suit your schedule. Enjoy the flexibility of starting on your own schedule, setting your pace of study and managing your costs of attendance to suit your needs.

### Clear Career Paths

Launch your career as a wildlife biologist, fisheries manager, or field technician through our extensive networking and internship programs. In addition, WFBIO students experience fieldwork and undergraduate research opportunities, so you'll be prepared to start your career or continue on to graduate school.

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



### Wildlife/Fisheries Biologist

Median Salary: **\$62k**

Growth: **+5%**

Use your skills to study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.

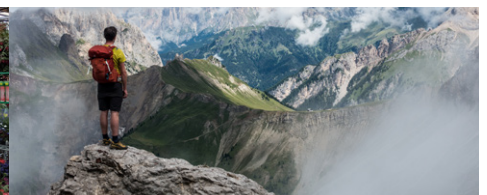


### Plant and Wildlife Survey Technician

Median Salary: **\$62k**

Growth: **+3%**

Set up, operate, and maintain laboratory instruments and equipment, monitor experiments, collect data and samples, make observations, and calculate and record results.



### GIS Technician

Median Salary: **\$65k**

Growth: **+15%**

Assist scientists or related professionals in building, maintaining, modifying, or using geographic information systems (GIS) databases.

\*Projected 10-year growth

\*\*National median salary

Source: Burning Glass Technologies. Labor Insight™

### Graduates of the B.S. in Wildlife and Fisheries Biology will be able to:

- + **Identify** species, and where appropriate, sex, age class, and natural sign of common fish, wildlife, and plants, with emphasis on species of the Northeast region.
- + **Draw** on knowledge of research and policy to make sound scientifically based recommendations for future management and conservation practices.
- + **Use** appropriate tools and techniques to conduct common fish and wildlife research and management fieldwork.
- + **Perform** basic habitat and population assessments using standard analytical techniques.
- + **Develop** testable hypotheses based on scientific questions, use the primary literature to write proposals, design field- and/or lab-based experiments, conduct basic quantitative analyses, and write scientific reports.

### Overview of Degree Requirements 120 Credits Total

To earn the Bachelor of Science in Environmental Studies degree, you must complete:

- General Education Core: 40 credits
- Major Core: 40 credits
- Electives: 40 credits

You must complete a minimum of 30 credits of coursework at the 300 level or above.

### General Education Core - 40 Credits Completed Online

- BIOL 105** Biological Diversity, Ecology, and Evolution
  - BIOL 106** Biological Diversity, Ecology, and Evolution Laboratory
  - COMM 100** Communication Skills for Online Learners (2 cr)
  - COMM 101** Writing for Environmental Professionals
  - COMM 201** Multimedia Communication for Environmental Professionals
  - ENVJ 303** American Government: Foundations in Environmental Law
  - ENVS 201** The Warming Planet: Understanding Climate Change
  - CHEM 101** Chemistry I
  - EVPC 100** Ecoliteracy (1c)
  - EVPC 201** Environmental Issues: Deforestation, Biodiversity Loss, and Overpopulation OR
  - EVPC 202** Environmental Issues: Energy, Water Scarcity, and Waste
  - MATH 201** Statistics for Environmental Professionals
  - PSYC 101** Introduction to Psychology
- COMPLETE ONE COURSE (3 CR) FROM EACH OF THE FOLLOWING CURRICULUM AREAS:**
- ARTS** Arts
  - HUMN, SPAN** Humanities
- COMPLETED AT PROFESSIONAL PLACEMENT SITE:**
- IS 390** Internship

\*Continued on the next page.



**Student Name / Total Transfer Credits / Checksheet Date**

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### Wildlife and Fisheries Biology Core - 40 Credits

COMPLETE ONE COURSE FROM EACH ROW IN THE TABLE BELOW. EACH REQUIREMENT HAS AN ONLINE OPTION AND AN IN-PERSON OPTION.

| In-Person Option  | Online Option   |
|---|---|
| <input type="checkbox"/> <b>BI 204</b> Population & Community Ecology                     | <input type="checkbox"/> <b>BIOL 203</b> Ecological Principles: Applications to Conservation & Wildlife |
| <input type="checkbox"/> <b>BI 205</b> Canopy to Ground Cover                             | <input type="checkbox"/> <b>BIOL 201</b> Wildlife Plant Identification: Wildlands & Wildlife Habitat    |
| <input type="checkbox"/> <b>BI 305</b> Conservation Biology                               | <input type="checkbox"/> <b>BIOL 305</b> Conservation Biology   |
| <input type="checkbox"/> <b>BI 310</b> Organismal Biology: Theme                          | <input type="checkbox"/> <b>MBAQ 307</b> Ichthyology & Fish Health                                      |
| <input type="checkbox"/> <b>CH 102</b> General Chemistry 1 Laboratory                     | <input type="checkbox"/> <b>CHEM 102</b> Chemistry 1 Laboratory   |
| <input type="checkbox"/> <b>ES 105</b> Understanding Place Through GIS                    | <input type="checkbox"/> <b>GISC 101</b> Introduction to Geospatial Technologies                        |
| <input type="checkbox"/> <b>MA 301</b> Data Science & Programming                         | <input checked="" type="checkbox"/> <b>MATH 215</b> Calculus  |
| <input type="checkbox"/> <b>SU 301</b> Ecological Economics                               | <input type="checkbox"/> <b>ECON 303</b> Macroeconomics for a Sustainable Planet                        |
| <input type="checkbox"/> <b>WF 105</b> Introduction to Wildlife and Fisheries Biology     | <input type="checkbox"/> <b>WCON 301</b> Human Dimensions of Wildlife Conservation                      |
| <input type="checkbox"/> <b>WF 204</b> North American Wildlife                            | <input type="checkbox"/> <b>WCON 303</b> Life History & Identification of Birds and Mammals             |
| <input type="checkbox"/> <b>WF 310</b> Habitat Assessment and Management                  | <input type="checkbox"/> <b>WCON 403</b> Habitat Management for Wildlife and Fisheries                  |
| <input type="checkbox"/> <b>WF 311</b> Population Assessment and Management               | <input type="checkbox"/> <b>WCON 405</b> Population Management for Wildlife and Fisheries               |
| <input type="checkbox"/> <b>WF 320</b> Wildlife and Fisheries Techniques                  | <input type="checkbox"/> <b>WCON 305</b> Wildlife Conservation Genetics                                 |
| <input checked="" type="checkbox"/> <b>WF 490</b> Wildlife and Fisheries Biology Capstone | <input type="checkbox"/> <b>EVPC 490</b> Transdisciplinary Capstone                                     |

### General Electives

40 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

### Graduates of the B.S. in Wildlife and Fisheries Biology will be able to:

- + **Identify** species, and where appropriate, sex, age class, and natural sign of common fish, wildlife, and plants, with emphasis on species of the Northeast region.
- + **Draw** on knowledge of research and policy to make sound scientifically based recommendations for future management and conservation practices.
- + **Use** appropriate tools and techniques to conduct common fish and wildlife research and management fieldwork.
- + **Perform** basic habitat and population assessments using standard analytical techniques.
- + **Develop** testable hypotheses based on scientific questions, use the primary literature to write proposals, design field- and/or lab-based experiments, conduct basic quantitative analyses, and write scientific reports.

### General Education Core - 13 Credits Completed Online

- BIOL 102** Biological Diversity, Ecology and Evolution
  - BIOL 106** Biological Diversity, Ecology, and Evolution Laboratory
  - CHEM 101** Chemistry I
  - MATH 201** Statistics for Environmental Professionals
- COMPLETED AT PROFESSIONAL PLACEMENT SITE:**
- IS 390** Internship

### 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

\*Continued on the next page.

# B.S. IN WILDLIFE AND FISHERIES BIOLOGY

## SECOND DEGREE UNOFFICIAL CHECKSHEET

**Student Name / Total Transfer Credits / Checksheet Date**

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### Wildlife and Fisheries Biology Core - 40 Credits

COMPLETE ONE COURSE FROM EACH ROW IN THE TABLE BELOW. EACH REQUIREMENT HAS AN ONLINE OPTION AND AN IN-PERSON OPTION.

| In-Person Option  | Online Option   |
|---|---|
| <input type="checkbox"/> <b>BI 204</b> Population & Community Ecology                     | <input type="checkbox"/> <b>BIOL 203</b> Ecological Principles: Applications to Conservation & Wildlife |
| <input type="checkbox"/> <b>BI 205</b> Canopy to Ground Cover                             | <input type="checkbox"/> <b>BIOL 201</b> Wildlife Plant Identification: Wildlands & Wildlife Habitat    |
| <input type="checkbox"/> <b>BI 305</b> Conservation Biology                               | <input type="checkbox"/> <b>BIOL 305</b> Conservation Biology   |
| <input type="checkbox"/> <b>BI 310</b> Organismal Biology: Theme                          | <input type="checkbox"/> <b>MBAQ 307</b> Ichthyology & Fish Health                                      |
| <input type="checkbox"/> <b>CH 102</b> General Chemistry 1 Laboratory                     | <input type="checkbox"/> <b>CHEM 102</b> Chemistry 1 Laboratory   |
| <input type="checkbox"/> <b>ES 105</b> Understanding Place Through GIS                    | <input type="checkbox"/> <b>GISC 101</b> Introduction to Geospatial Technologies                        |
| <input type="checkbox"/> <b>MA 301</b> Data Science & Programming                         | <input checked="" type="checkbox"/> <b>MATH 215</b> Calculus  |
| <input type="checkbox"/> <b>SU 301</b> Ecological Economics                               | <input type="checkbox"/> <b>ECON 303</b> Macroeconomics for a Sustainable Planet                        |
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