



WILDLIFE AND FISHERIES BIOLOGY

Bachelor of Science

Applied science, hands-on courses, and inspiring faculty, in an amazing location.

Are you passionate about wildlife, fish, and the state of the environment? Are you driven to understand relationships between animals and people and to find solutions to challenges in conservation and management? If so, the Wildlife and Fisheries Biology major is for you.

The program emphasizes the role of science to understand the natural world and solve pressing conservation issues. With expert faculty and outdoor learning in Vermont's beautiful landscape, students embark on an exciting path to a career they will love.

Build your capacity as a scientist and problem-solver

Students choose to concentrate in either Wildlife or Fisheries and learn to apply their knowledge of organisms to real-world problems facing populations and people. Courses provide first-hand experiences in the field and build students' skills.

Learning outcomes include an understanding of key concepts in ecology and conservation; field and lab methods; quantitative analysis; and integrated approaches to managing and protecting species, populations, and ecosystems from local to global scales.





"I WAS IMPRESSED BY THE COURSEWORK THROUGH THE RUBENSTEIN SCHOOL AND THE OPPORTUNITIES TO CONNECT WITH PROFESSORS. I WANT TO PURSUE RESEARCH THAT SEEKS TO PROTECT WILDLIFE BUT ALSO INCORPORATES HUMANS INTO THAT EQUATION."

- REILLY BECCHINA, Class of 2020



Beyond the classroom

Abundant opportunities are available to learn beyond UVM's walls and Vermont's borders. Summer field courses, spring break travel courses, laboratory and field-based research, laboratories on UVM's new hybrid-propulsion research vessel, and student-led activities through the Wildlife and Fisheries Society, are just some of the many ways students engage in unique learning experiences.

After you graduate

With a degree in Wildlife and Fisheries Biology you'll be qualified for a range of positions, including wildlife or fisheries biologist, research biologist, conservation scientist, endangered species biologist, animal care specialist, game warden, land manager, and more.

Sample Courses

Biology
Ornithology (study of birds)
Mammalogy
Ichthyology (study of fishes)
Herpetology (study of reptiles & amphibians)
Wildlife Management
Methods in Fisheries and Wildlife
Fisheries Biology & Techniques
Conservation Biology
Wildlife Behavior
Terrestrial Wildlife Ecology
Wetlands Wildlife Ecology
Introduction to Marine Science
Fisheries Management
Scientific Writing & Interpretation
Geographic Information Systems
Calculus
Environmental Statistics
Public Speaking

Sample Employers

US Fish and Wildlife Service
US Bureau of Land Management
US National Park Service
US Geological Survey
National Oceanic and Atmospheric Administration
Vermont Fish and Wildlife Department
New York Department of Environmental Conservation
Audubon Society
World Wildlife Fund
The Nature Conservancy
Wildlife Conservation Society
Denver Zoo
Academic Institutions
Environmental Consulting Firms