

# SUSTAINABILITY, ECOLOGY AND POLICY

Bachelor of  
Science

From the ecology of plants and animals in terrestrial and aquatic ecosystems to interactions among people and the environment, the Sustainability, Ecology and Policy program (formerly the Natural Resources program) offers a wide array of course options for a customizable degree pathway. Small classes with top faculty provide students the knowledge and skills they need to pursue a successful career in ecology, planning, policy, law, and many more natural resources fields.

## Tailor your studies to your interests with one of three concentrations

**Applied Ecology:** Students gain knowledge in the biology and ecology of plants and animals in both aquatic and terrestrial systems, and develop field and data analysis skills.

**Environmental Planning, Policy and Law:** Students explore interactions among individuals, communities, and society with nature, resources, and the environment, and gain skills in domestic and international resource planning, policy analysis and education.

**Integrated Natural Resources:** Students develop a well-focused, personally meaningful course of study in natural resources and the environment.

## Learning in Vermont and beyond

Field-based courses, internships, research, and study abroad opportunities, provide every student with experiences that uniquely position them for their career beyond UVM.

Examine the intersection of environment and human systems.

The Sustainability, Ecology and Policy program allows students to shape their study of the environment. Grounded in ecological principles to take on societal challenges.







**"NATURAL RESOURCES PROVIDED FLEXIBILITY AND ALLOWED ME TO EXPLORE DIFFERENT INTERESTS IN RESOURCE ECOLOGY AND PLANT SCIENCES. IT WAS AN EXCEPTIONAL EXPERIENCE TO BE SO IMMERSED IN RESEARCH AS AN UNDERGRADUATE."**

- LIANNE PARMALEE, Class of 2019

### What awaits after graduation?

Graduates are competitive for a range of positions including environmental biologist, environmental outreach specialist, field ecologist, GIS analyst, environmental planner, research economist, river restoration manager, sustainability program specialist, and wetlands ecologist. Students are also well prepared to pursue graduate studies in sustainability, law, public administration, ecology, education, and more.

### Sample Courses

- Ecology
- Environmental Policy
- Ecosystem Management
- Environmental Problem Solving
- Math & Statistics
- University Writing
- Public Speaking
- Biology
- Geology
- Field Sampling & Mapping
- Stream Ecology
- Forest Ecosystem Health
- Landscape Ecology
- Conservation Biology
- Ecological Design
- Human Cultures
- Political Science
- Sociology
- Environmental Law
- Ecological Economics
- Community Development
- Environmental Education
- Geographic Information Systems

### Sample Employers

- VT Agency of Natural Resources
- US Forest Service
- US Fish & Wildlife Service
- US National Park Service
- Regional & City Planning Depts
- Offices of Sustainability
- Vermont Land Trust
- Natural Resources Defense Council
- Sierra Club
- Alliance for Watershed Education
- VT Businesses for Social Responsibility
- Riverkeepers
- Friends of Waterfront Seattle
- Smithsonian Institute
- Environmental Consulting Firms
- Law Firms