DEGREES & PROGRAMS

BS in Building & Construction Technology, Environmental Science offered with the Department of Geosciences and the Stockbridge School of Agriculture, and Natural Resources Conservation with concentrations in:

- Environmental Conservation
- Fisheries Ecology & Conservation
- Forest Ecology & Conservation
- Urban Forestry & Arboriculture
- Water Resources
- Wildlife Ecology & Conservation

MS in Sustainability Science

MS/PhD in Environmental Conservation with concentrations in:

- Wildlife, Fish & Conservation Biology
- Forest Resources & Arboriculture
- Building Systems
- Environmental Policy & Human Dimensions
- Water, Wetlands & Watersheds

RESEARCH AREAS

Ecology, Biodiversity Conservation & Global Environmental Change

Ecology and Conservation of Landscapes, Watersheds, Wetlands, and Coastal Ocean

Sustainable Built Environment: Advanced Materials & Energy Conservation

Environmental Governance, Management & Decision-Making

Climate, Urbanization, Energy, and Sustainability Science

Environmental Data Science & Geospatial Technologies

LEADERSHIP & HONORS

Deepti Kamma ‘19, and Eliana Matos ‘19, were among the five CNS undergraduates selected for the 2018 UMass Women in Leadership Program

PhD student, Tanya Lama helps create first-ever whole genome for the Canada Lynx

Grace Casselberry, PhD Student, receives NOAA Scholarship to study Florida’s Shark-Tarpon Ecosystem

UMass Clean Energy Corps is a student-centered initiative that worked with seven Commonwealth communities to meet their energy reduction goals

ASSOCIATED GENERAL CONTRACTORS OF MASSACHUSETTS creates $100,000 endowment for BCT Program

UMass Residential Construction Management Competition Team takes 11th place at International Builders Show in Orlando

MS Sustainability Science Program contributed nearly 13,000 hours of professional-level service to the regional green workforce and has provided over 80 graduates to the region

Dr. Alison Bates co-awarded NSF grant for Multi-disciplinary Offshore Wind study

Dr. Anita Milman awarded NSF grant to advance her groundwater research in California

Bethany Bradley received a $389,975 NSF grant to create first comprehensive assessment of how wildlife is impacted by invasive grasses

Andy Danylchuk received “Excellence in Public Outreach” award from American Fisheries Society

POINTS OF PRIDE

ECo ranks amongst the highest in the college for student satisfaction

Our programs offer real-world experiences, both in the classroom and beyond with hands-on training in the field and laboratories, internships, research experiences with faculty and international exchange

Our curricula and professional training are designed to prepare students for careers, and to meet the certification requirements of professional societies and workforce needs

Student fieldwork spans the world from Western Mass to Africa and Asia

Over 90% of our MS and PhD graduates find employment in their field after graduation

ECo is a proud partner in the new School of Earth & Sustainability

FACILITIES

Building Science Lab
Conservation Genomics Lab
Richard Cronin Aquatic Resource Center
Environmental Decision-Making Lab
Family Forest Research Center
Gloucester Marine Station
University Forests
NE Climate Adaption Science Center
Aquatic Ecology Lab
GIS Lab
Suburban Ecology Lab
Trimble Technology Lab
Wood Mechanics Lab

BY the NUMBERS

- 22 tenure track faculty
- 44 adjunct research faculty
- 8 lecturers
- 7 research fellows
- 7 postdoc research associates
- 768 undergraduate majors
- 145 graduate students
- $63,000 scholarships available
- $4.2M research awards