

ENVIRONMENTAL CONSERVATION

HIGHLIGHTS

- Student course evaluations rank ECO courses among the highest in CNS.
- Our curricula and professional training are designed to prepare our students for careers, and meet the certification requirements of professional societies and the workforce needs of employers
- The Building & Construction technology (BCT) Program is moving to a new state-of-the-art timber-engineered building in 2017.

EDUCATION

- Field, lab, and classroom study integrated into actionable science and scholarship to inform decision-making for a more sustainable future.
- Student fieldwork spans the world from Western Massachusetts to Africa and Asia.

DEGREES

- AS in Arboriculture and Community Forest Management (offered through the Stockbridge School of Agriculture)
- BS in Building and Construction Technology, Natural Resources Conservation, and Environmental Science offered with the Dept. of Geosciences and the Stockbridge School of Agriculture
- MS in Sustainability Science
- MS/PhD in Environmental Conservation

STUDENT ACHIEVEMENTS

- NRC undergraduate Harry Spampinato '16 won the New England Outdoor Writers Scholarship
- UMass Arbor Team won 1st place in the 2015 PLANET competition for the third year in a row. Our students placed 2nd in Compact Excavator Operation, 3rd in Computer-Aided Landscape Design, and in the top 12 in three other events.

- Wildlife, forest resources, and fisheries ranked in the top 10 nationally by the Chronicle of Higher Education's Faculty Scholarly Productivity Index.
- Family Forestry Research Center honored with the 2015 Family Forests Education Award
- Our ECO faculty are passionate about our mission—the stewardship of healthy and sustainable ecosystems that provide important human and community benefits—and about making a BIG difference in the world.

- Graduate program concentrations: Wildlife Fish & Conservation Biology, Forest Resources & Arboriculture, Building Systems, Environmental Policy & Human Dimensions, Sustainability Science, and Water, Wetlands & Watersheds

STUDENT ORGANIZATIONS

- UMass Student Chapter of the Society of American Foresters
- UMass Student Chapter of the National Association of Home Builders
- UMass Student Chapter of The Wildlife Society

LEADERSHIP & OUTREACH

- Faculty are campus leaders in expanding active learning pedagogies in their courses and training students to analyze and solve environmental sustainability challenges.
- Alumnae are conservation leaders both in the U.S. and internationally.
- Outreach Programs include Forest Conservation Program, Natural Resources and Environmental Conservation Extension Program, USDA Forest Service Urban Natural Resources Institute, Watershed Education & Technology Partnership.

BY THE NUMBERS FY15

Tenure-track faculty	23
Lecturers	11
Adjunct research faculty	52
Research fellows	15
Postdoc research associates	9
Undergraduate majors	701
Graduate students	153
Research awards	\$8.25M

RESEARCH FACILITIES

- Building Materials Testing Lab
- Green Building and Building Energy Lab
- Fish Research Lab
- Conservation Genetics Lab
- Aquatic Ecology Lab
- GIS Lab
- Human Dimensions Lab
- Silviculture Lab
- Suburban Ecology Lab
- Urban Forestry Diagnostic Lab
- Forest Properties (2000+ acres)

RESEARCH CENTERS

- Conte Anadromous Fish Lab
- Cooperative Marine Education & Research
- Family Forest Research Center
- Massachusetts Cooperative Fish & Wildlife
- N.E. Research Institute for Moose & Forest Dynamics
- Northeast Climate Science Center
- Northeast Center for Urban & Community Forestry
- Wildlife & Fish Habitat Relationships
- Ozone Biomonitoring Program