

Forestry

Bachelor of Science Degree

Contact

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Admission Requirements

(In years as established by the college)

A high school diploma with the following specific courses:

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- 4 English
- 2 Algebra I & II
- 1 Geometry
- 1/2 Trigonometry (strongly recommended)
- 2 Lab Science (biology & chemistry or physics)
- 2 History/Social Studies Academic electives (to equal at least 17 credits)

To ensure current mathematical skills, students should take a mathematics course during their senior year of high school.

Did You Know?

Forest resources in Maine are a high priority with the state and with the public. A forest resources student at the University of Maine will enjoy a level of visibility and importance not found elsewhere.

College of Natural Sciences, Forestry, and Agriculture

Program Description

The program has the longest continuous accreditation by the Society of American Foresters.

Specialized Information

The Orono area is surrounded by forests, allowing most forest resource laboratories to be taught outside. Maine has more forests than the rest of New England combined, which provides students with multiple opportunities for research and work experience.

The Cooperative Forest Research Unit at the University of Maine hires five to 12 students each summer to help with research projects supported by state landowners. The work consists of traveling to all parts of the state and working outdoors for the summer.

Associated Honor Societies and Student Organizations

Students are encouraged to join the Woodsmen's Team and the UMaine chapter of the Society of American Foresters. They also have opportunities to attend such annual professional conferences as the state, New England and national meetings of the Society of American Foresters.

Special recognition includes the university chapter of the national forestry honor society Xi Sigma Pi. UMaine belongs to a partnership of schools in Sweden and the U.S. that sponsor a yearly trip to visit international aspects of forest resources.

NEBHE Program

Applicants to this program who reside in Connecticut, Massachusetts or Rhode Island are eligible for reduced tuition (in-state plus 50 percent) under the New England Regional Student Program, administered through the New England Board of Higher Education (nebhe.org).

Career and Graduate Opportunities

The forestry program provides a very broad education that allows foresters to seek employment in a wide range of positions, but most work with some aspect of forest resources management. Federal agencies such as the U.S. Forest Service, the Bureau of Land Management and the National Park Service employ many foresters. State natural resources agencies hire foresters to manage state forestlands and to provide advice to owners of small woodland properties. Nongovernmental conservation organizations employ foresters to further the interests of their programs. In Maine, organizations that manage large private land holdings are major employers of foresters. An increasing number of forestry graduates become independent consultants, serving mostly nonindustrial, private forestland owners, such as the thousands who own more than half of Maine's timberland.

Representative Courses

FTY 101 Introduction to Forest Resources
FTY 107 Forest Vegetation
FTY 104 Statistical Inference for Forest Management
FTY 105 Introduction to Forest Management
FTY 241 Field Practice in Forest Management
FTY 208 Forest Surveying and Mapping
FTY 206 Photogrammetry and Remote Sensing

FTY 266 Advanced Forest Measurements
FTY 457 Forest Watershed Management
FTY 444 Forest Resources Economics
FTY 480 Applied Geographic Information Systems
FTY 476 Forest Management I
FTY 446 Forest Resources Policy
FTY 477 Forest Management II

UMaine Graduate Programs

Master of Forestry
Master of Science in Forest Resources
Doctor of Philosophy in Forest Resources

About UMaine

The University of Maine, founded in Orono in 1865, is the state's premier public university. It is among the most comprehensive higher education institutions in the Northeast and attracts students from across the U.S. and more than 60 countries. It currently enrolls 12,000 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. Students are offered 88 bachelor's degree programs, 64 master's degree programs, 25 doctoral programs and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. For more information about UMaine, go online (umaine.edu). Equal opportunity information also is available online (umaine.edu/eo).

How do I apply?

Visit go.umaine.edu for an application, as well as information about academics and life at UMaine.



Academic Programs 2011–12

The latest versions of the UMaine fact sheets are online (factsheets.umaine.edu). This fact sheet is intended for informational purposes only and is subject to change.



umaine.edu/socialnetwork