

College of Natural Sciences, Forestry, and Agriculture

Contact

Ed Ashworth, Dean
5782 Winslow Hall, Room 105
Orono, ME 04469-5782
207-581-3202

Alan Kezis, Assoc. Dean
5782 Winslow Hall, Room 2
Orono, ME 04469-5782
207-581-3206
umaine.edu/nsfa

Did You Know?

The faculty of the College of Natural Sciences, Forestry, and Agriculture comprises the largest group of scientists in Maine. This research-intensive environment allows undergraduates to work closely with faculty members and graduate students, preparing them well for graduate work. In addition, many students in the college also take advantage of UMaine's Honors program, which combines the small classes and rich humanities background normally found in a small liberal arts college with all the benefits of a larger university.

To apply

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

About the College

It's one thing to learn about the natural world in a classroom. It's another thing entirely to learn about it in this classroom. At the University of Maine, woods, lakes, rivers and streams surround our campus. The Atlantic Ocean and the Appalachian Trail are in our backyard. Our students learn about bear behavior by actually visiting a den and tagging cubs. They study sustainable agriculture by participating in a student-run organic farm. They immerse themselves in the marine sciences on Maine's rocky shores and in tidal coves. But the great outdoors is only part of the appeal. At UMaine, the great indoors is equally impressive. The College of Natural Sciences, Forestry, and Agriculture offers a wide variety of lab-intensive majors and state-of-the-art teaching facilities. Comprehensive academic offerings, close advising, outstanding research opportunities, high placement rates and strong relationships with leading research institutes and top medical schools make UMaine a destination for health and biomedical studies. The region's largest hospital and leading biomedical research institutes are also nearby. The college offers a wide range of programs — from animal and veterinary sciences to zoology — and all the benefits of a comprehensive university, but our classes are small and you'll have the chance to really get to know your classmates, graduate students and faculty members within your major. If there were a perfect classroom, a perfect college experience, it would look like this.

Undergraduate Research and Scholarship

Because of UMaine's location, reputation and facilities, some of the world's top scientists, scholars and researchers — people who could go anywhere — choose to come here. And they don't just hole up in their offices. They teach classes and work side-by-side with students in the field and in the lab. At the University of Maine, undergraduates have research opportunities that are often reserved for graduate students at other schools. Our undergraduate researchers aren't just doing grunt work. They're studying innate immunity in zebrafish and antioxidant effects of cranberries in our state-of-the-art laboratories and research facilities. They're traveling around the world with climate scientists and oceanographers. They're learning clinical skills in speech-language pathology and audiology. They're gaining field experience in social work that is tailored to their academic interests. They're presenting at national and international conferences with renowned marine scientists and conservation biologists.

Scholarships and Loan Programs

The College of Natural Sciences, Forestry, and Agriculture offers more than \$500,000 annually in undergraduate scholarships to academically outstanding students. Thanks to a multimillion-dollar bequest by alumnus Charles E. Gilbert, UMaine graduates interested in pursuing medical, dental or veterinary careers are able to take out low-interest loans to help further their education. In recent years, students in our college have received prestigious and competitive national awards, including the Ernest F. Hollings Undergraduate Scholarship from the National Oceanic and Atmospheric Administration and the Morris K. Udall Scholarship.

Degree Programs and Concentrations

Animal, Plant and Food Sciences

- Animal and Veterinary Sciences (Animal Science, Pre-Veterinary Concentrations)
- Environmental Horticulture (Horticultural Business, Landscape Design, Sustainable Horticulture Concentrations)
- Food Science and Human Nutrition (Food Management, Food Science, Human Nutrition and Dietetics Concentrations)
- Sustainable Agriculture

Biological Sciences

- Biochemistry
- Biology
- Botany
- Microbiology
- Molecular and Cellular Biology
- Zoology

Ecology, Environmental and Earth Sciences

- Biology (Ecology Concentration)
- Earth Sciences (Environmental Geology Concentration)
- Ecology and Environmental Sciences (Ecology, Entomology, Environmental Sciences, Natural Resource Management, Natural History, Resource and Environmental Policy, Wetland and Aquatic Ecology, Soil and Water Sciences, Land Use Planning, International Conservation, Forest Ecosystem Science Concentrations)
- Wildlife Ecology (Conservation Biology, Fisheries, Wildlife Science and Management Concentrations)

Economics

- Economics (Agribusiness Administration, Equine Business Management, International, Pre-Law, Recreation and Business Management, Renewable Energy, Resource and Environmental Economics and Policy Concentrations)
- Financial Economics

Forest Resource Sciences

- Forestry
- Parks, Recreation and Tourism
- Forest Operations Science

Health Sciences

- Biology (Pre-Medical Studies Concentration)
- Biochemistry
- Clinical Laboratory Sciences (Cytotechnology, Medical Technology Concentrations)
- Communication Sciences and Disorders
- Food Science and Human Nutrition (Food Science, Food Management, Human Nutrition and Dietetics Concentrations)
- Microbiology
- Molecular and Cellular Biology
- Nursing
- Social Work
- Zoology (Pre-Medical Studies Concentration)

Marine Sciences

- Marine Science (Aquaculture, Marine Biology, Marine Physical Sciences Concentrations)

About Our Students

As a result of its strong academics, research opportunities and location, UMaine's College of Natural Sciences, Forestry, and Agriculture attracts a diverse student body from all over the United States — and the world. Our students tend to be science-oriented, academically focused, close-knit and interested in helping others. We have more than 20 student chapters of national professional organizations, which provide undergraduates with key networking opportunities both on campus and off.

About Our Graduates

Fieldwork and research experience are significant resume-builders, and our alumni will tell you that this often makes the difference when applying for a job or graduate school. Not surprisingly, the College of Natural Sciences, Forestry, and Agriculture has an excellent placement rate in professional settings and graduate programs. Since the program's inception in 2008, four students in the college have received early admission to Tufts University School of Medicine through the Maine Track Early Assurance Program.

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. It is one of 308 U.S. institutions recognized by Princeton Review for outstanding commitment to environmental sustainability. For more information about UMaine, go online (umaine.edu). Equal opportunity information also is available online (umaine.edu/eo).



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