



COLLEGE OF NATURAL SCIENCES, FORESTRY, AND AGRICULTURE

Environmental Horticulture

UMaine's ADVANTAGE

- Concentrations:
 - horticultural business
 - landscape design
 - sustainable horticulture
 - turfgrass management
- Dedicated and caring faculty and staff
- Relevant field, laboratory and studio courses
- Greenhouse and garden teaching and research facilities
- Student-led Horticulture Club
- Numerous program scholarships

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To apply: umaine.edu



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WHY STUDY ENVIRONMENTAL HORTICULTURE AT UMAINE?

The program provides excellent training in areas important to green industry employers and strong preparation for those seeking a graduate degree in plant science or landscape architecture. Students with a concentration in horticultural business have the option of completing a minor in business administration and may elect to continue an extra year to complete an M.B.A. program.

Research opportunities are available in many areas including cold tolerance; propagation and tissue culture; evaluation and introduction of woody and herbaceous ornamental plants; water use efficiency in greenhouse production; potato breeding and production; basic and applied studies in blueberry physiology and culture; pomology; sustainable vegetable and small fruit production; and weed-crop ecology and weed management.

The close working relationship between the environmental horticulture program and state, national and international horticulture industry members has been important.

WHAT CAN I DO WITH A ENVIRONMENTAL HORTICULTURE DEGREE?

Students graduating with a degree in environmental horticulture can find employment as a:

- Landscape consultant
- Landscape designer
- Grounds superintendent
- Golf course supervisor
- Garden center manager
- Nursery supervisor
- Estate gardener
- Public garden horticulturalist
- Greenhouse manager
- Environmental educator

- Horticulture writer
- Entrepreneur
- Landscape account manager
- Landscape contractor

OUR UNDERGRADUATE PROGRAM

The environmental horticulture program is a science-based curriculum that offers students theoretical and practical knowledge in plant sciences, sustainable and professional practices, business management and other related fields. Internships, field trips, independent projects, travel opportunities and volunteer activities are available.

Turfgrass management degree. Students can earn a bachelor's degree in environmental horticulture at UMaine and an associate degree in one year in turfgrass management from the Stockbridge School of Agriculture. Qualified students spend their senior year at the University of Massachusetts Amherst earning 30 credits in the turfgrass science and management degree program in the Stockbridge School of Agriculture. The degree program will prepare graduates for professional careers in the management of golf courses, athletic facilities, lawn care and park maintenance industries.

OUR GRADUATE PROGRAM

The graduate program offers a master's degree in horticulture with a wide range of research opportunities in both traditional horticulture and landscape horticulture.

OUR FACULTY

Our faculty are student-centered, approachable and encouraging. They are engaged with undergraduate students, serving as professional mentors as well as instructors. Their research programs address important current issues in horticulture and provide undergraduates with the opportunity to participate in research.

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 more than 11,000 total undergraduate and graduate students. UMaine students directly participate in groundbreaking research working with world-class scholars. The University of Maine offers doctoral degrees in 30 fields, representing the humanities, sciences, engineering and education; master's degrees in 85 disciplines; 90 undergraduate majors and academic 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, visit umaine.edu.

explore

*Bachelor of Science in
Environmental Horticulture*

*Concentrations in
Horticultural Business*

Landscape Design

Sustainable Horticulture

Turfgrass Management

*Minor in
Environmental Horticulture*

*Master of Science in
Horticulture*

*Ph.D. in
Plant Science*



OPPORTUNITIES TO EXCEL

Environmental horticulture students learn in real-world settings. The program offers a variety of opportunities for hands-on learning including:

- **Roger's Hall Design Studio** is a modern, well-equipped studio that provides environmental horticulture students in the landscape design concentration with the ideal space to begin and hone their training in the landscape design discipline.
- **Lyle E. Littlefield Ornamentals Trial Garden** is the on-campus resource for plant identification and design labs. Over the last four decades the garden has amassed a collection of over 2,500 woody and herbaceous plants. Major focus collections include lilacs, rhododendrons and magnolias.
- **Rogers Farm** is the home of the Penobscot County Master Gardener Demonstration Garden including a white garden, herb gardens and a perennial border.
- **Roger Clapp Greenhouses** are the site of several University of Maine classes and labs. The greenhouses serve as a year-round green space on campus with a plant collection that includes bananas, succulents and orchids.

The program offers a variety of activities and clubs including:

- **Horticulture Club.** Created in 1989 and run by its student members, Horticulture Club activities include garden shows and plant sales.

- **Pi Alpha Xi.** The Alpha Tau Chapter of the horticultural honors society was chartered at the University of Maine in 2015. Juniors majoring in horticulture with a grade point average above 3.0 are invited to join the University of Maine Chapter of Pi Alpha Xi.
- **Field Trips.** Horticulture in Maine is diverse and engaging. Our students have the opportunity to participate in field trips through clubs or classes to sites including the Coastal Maine Botanical Garden, Johnny's Seeds, Asticou Azalea Garden, Garland Farm, and many local nurseries, gardens, and greenhouses.

FIELD EXPERIENCE

Students can choose from a variety of internship opportunities to gain practical work experience in environmental horticulture, which is intended to put classroom learning to use in a real-life situation. Examples of past internships include Coastal Maine Botanical Gardens, Johnny's Selected Seed, and Driscoll's Berries.

HOW DO I APPLY?

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

