

SUSTAINABLE LANDSCAPE HORTICULTURE

www.uvm.edu/~pss

Endorse a healthier environment with the beauty and utility of plants. Gain professional training in landscape design and plant sciences along with courses in business and liberal arts. Choose trees, shrubs, flowers, and lawn grasses that match conditions of the local environment. Design landscapes that provide environmental services of soil conservation, water purification, and nutrient management. These are among the skills and areas of knowledge you'll develop as a Sustainable Landscape Horticulture major in the Department of Plant and Soil Science.

The Sustainable Landscape Horticulture major integrates plant sciences, landscape design, business, and liberal arts. The curriculum is designed to provide students with multifaceted skills to help them succeed in the demanding horticulture industry of the 21st century. Our faculty advisors help students select courses and develop learning experiences that match their interests and career goals.

DEGREES OFFERED

- Bachelor of Science in Sustainable Landscape Horticulture

CURRICULUM OVERVIEW

All students who enroll in the major complete the basic core curriculum for the College of Agriculture and Life Sciences (CALs), which includes communication and technology courses. In addition, students complete courses within the major, such as botany, ecology, plant and soil science, forestry, landscape design, agricultural economics, and small business management.

INTERNSHIPS AND RESEARCH

Because our faculty interacts with professional landscape design firms, landscape management companies, as well as public and private gardens, there are many opportunities for off-campus internships where our students put skills to use, earn credit, and improve their employment prospects. Students have worked at arboreta, botanical gardens, parks, garden centers, and nurseries to gain valuable experience and contacts.

As an undergraduate, you will also have opportunities to work with College of Agriculture and Life Sciences faculty doing research in campus laboratories, in the field at our 97-acre Horticultural Research Center, or in our state-of-the-art greenhouses. Students may elect to join our Horticulture Club.

CAREER DIRECTIONS

With a degree in sustainable landscape horticulture, students may pursue a career in landscape design, contracting and management, urban forestry, owning and operating a landscaping or nursery business, or in garden center management. Some of the jobs our graduates have obtained include: manager of a wholesale nursery, salesperson for a large greenhouse operation, sales and service representative for a turfgrass management firm, and golf course grounds manager. Students in the major have also gone on to pursue graduate studies in a wide variety of fields.

CORE COURSES

Home and Garden Horticulture
Entomology and Pest Management
Plant Pathology
Garden Flowers
Woody Landscape Plants
Turfgrass Management
Commercial Plant Propagation
Fundamentals of Soil Science
Soil Fertility and Conservation
Landscape Design Fundamentals
Ecological Landscape Design
Weed Ecology

RELATED COURSES

Agriculture and Resource Entrepreneurship
Biology
Computer Aided Drafting and Design Drawing (CADD)
Dendrology
Ecology, Ecosystems and the Environment
Introduction to Geographic Information Systems (GIS)
Plant Physiology

FOR FURTHER INFORMATION, CONTACT:



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