

# TURFGRASS SCIENCE & MANAGEMENT

## Our grass is greener.

*Acquire training to enter the growing field of careers in golf courses, sports turf, lawn care, and park maintenance industries.*

**ACADEMIC EMPHASIS:** production and maintenance of grassed areas, including home lawns, parks, and golf courses and other athletic surfaces, from a business management or science focus.

**CONCENTRATIONS:** grass and seed identification, turfgrass culture and physiology, pest control, and equipment maintenance.

**LIVING LABORATORIES:** state-of-the-art greenhouses and university-operated turf farm provide hands-on experience directly related to classroom studies.

**CAREERS:** golf course industry, sports turf management, lawn care industry in research, sales, and direct lawn maintenance.



## GET THE STOCKBRIDGE ADVANTAGE

### EXCEPTIONAL EDUCATION

- Experience personalized attention and hands-on structure
- Build your major around your specific interests
- Connect science with your academic passion
- Learn to tackle real-world problems by integrating scientific theory with practical experiences
- Expand your skills at the new on-campus Agricultural Learning Center

### CAREER CONNECTIONS

- Develop entrepreneurial and leadership skills
- Prepare for future success in research, industry, and graduate study
- Open doors to career opportunities through global alumni network
- The Stockbridge name is recognized worldwide

*The New England Regional Student Program (NERSP) offers reduced tuition for residents of Connecticut, Maine, New Hampshire, Rhode Island, and Vermont who select majors not offered in their home states.*

<http://stockbridge.cns.umass.edu>



Bachelor of Science Degree | UMassAmherst

# GROW YOUR WORLD



# SUSTAINABLE FOOD & FARMING

## Get your hands dirty.

*Develop skills to create and sustain good food, farms, and local solutions to the climate and energy crisis.*

**ACADEMIC EMPHASIS:** biological and ecological sciences, food advocacy, farm-based education, systems thinking, and holistic decision-making.

**CONCENTRATIONS:** permaculture, organic, and integrated plant and animal farming, nonprofit public policy, medicinal herbs, community food systems, growing and marketing good food.

**LIVING LABORATORIES:** state-of-the-art greenhouses and student-operated farms, permaculture gardens, and orchards provide hands-on experience directly related to classroom studies.

**CAREERS:** small, organic, and community farms, nonprofit advocacy and policy agencies, government organizations, and food- and farm-related educational institutions.



# PLANT, SOIL & INSECT SCIENCES

## Dig what you do.

*Target interdisciplinary skills in agriculture, horticulture, and entomology for the sustainable use of ecosystems.*

**ACADEMIC EMPHASIS:** rigorous training in biology and laboratory methods from a plant science or general applied biology focus.

**CONCENTRATIONS:** plant science and biotechnology, entomology, horticultural sciences, plant pathology, conservation biology, and soil science.

**LIVING LABORATORIES:** state-of-the-art greenhouses and university-operated farms and orchard provide hands-on experience directly related to classroom studies.

**CAREERS:** biotech industries, pest management, agricultural and horticultural businesses, and environmental consulting arenas.



# SUSTAINABLE HORTICULTURE

## Plant yourself in the perfect career.

*Apply biological science and sustainable practices to the production and use of landscape plants.*

**ACADEMIC EMPHASIS:** scientific training in the production of landscape plants, fruits, and vegetables from a business management or science focus.

**CONCENTRATIONS:** propagation, greenhouse and landscape horticulture, food crops, plant nutrition and soils, pest management.

**LIVING LABORATORIES:** state-of-the-art greenhouses and university-operated vegetable fields and orchard provide hands-on experience directly related to classroom studies.

**CAREERS:** plant conservatories and arboreta, management of businesses including direct-market farms, greenhouse operations, landscaping firms, and nurseries.

