University of Connecticut (Storrs)

BS Sustainable Plant and Soil Systems

Study details

Course type: Bachelor's degree
Degree: BS Sustainable Plant and Soil Systems
Study mode: Full time
Duration: 48 Month

Cost of study

Cost : 39 67 USD
Reg. fee : 80 USD
Scolarship :
Insurance : N/A USD

Intake/s

Aug

Requirements

- English entry - TOEFL 79 (IELTS 6.5, Duolingo 100)
- GPA entry - 3.0 GPA or equivalent
- have completed secondary school (equivalent to U.S. grades 9-12)

Accommodation

Provided by partner agencies

Additional information

Degree Overview

STEM-classified degree: graduates are eligible for 3 years of Optional Practical Training (OPT) in the USA. Choose from 3 concentrations: Environmental Horticulture | Sustainable Agriculture | Turfgrass Science.

The Sustainable Plant and Soil Systems (SPSS) major at the University of Connecticut offers hands-on learning, development, and application of knowledge and skills to solve contemporary problems across plant production systems. Through a multidisciplinary community of faculty, staff, and students, our program embraces the diverse expertise, experiences, interests, values and beliefs, and backgrounds of our community in working individually and collaboratively toward fulfilling UConn's land-grant mission. This program promotes collaboration, curiosity, and innovation through experiential and service-learning application of knowledge, development of skills, and growth in

socially-involved attitudes aligned with promoting sustainable plant production, maintaining healthy soils, restoring natural habitats, reducing environmental impact, and addressing contemporary climate challenges. Graduates of the program possess the skills to collaborate and integrate with other disciplines to positively impact our communities and the state. The Sustainable Plant and Soil Systems major offers concentrations in Environmental Horticulture, Sustainable Agriculture, and Turfgrass Science. The program focuses on the science and practices associated with sustainable plant production and use within managed systems. Our courses emphasize practices and concepts related to reducing environmental impact during production and in managed land use systems. Our concentrations are focused on the development and production of plants for food, fuel, fiber, and landscapes that are grown in field conditions and controlled environments; management practices for building landscapes and surfaces used for recreational and sporting activities, and the development and management of ornamental trees, shrubs, grasses, native species, and plants and soils that perform ecosystem services in recreational, urban, and suburban settings to meet functional and aesthetic requirements. Across all concentrations, students benefit from enhanced interaction with faculty through small classes and personalized advising and have the opportunity to gain real-world experience through internships and research. Note: The SPSS major will be renamed Plant Science starting in Fall 2025.