

Early College Experience
SPSS 1110: Fundamentals of Horticulture

UConn Catalog Description: Science and practice of horticultural plant propagation and culture; Basic concepts of plant structure, growth, and function; Integrated pest management; Impact of new technology; Horticulture and the environment. (3 credits)

Topics may include:

Plant structure, growth and function

Plant propagation

Greenhouse crops

Soils and soil fertility

Environmental horticulture

Fruit, vegetable and herb production and marketing

Floriculture

Horticulture and humanity

Nursery industry

Lawns and landscapes

Plant pests and pest management

Careers in horticulture

Instructor Certification Requirements

The minimum requirements for instructor certification are Bachelor's and Master's degrees in plant science, botany, or a related discipline and three years teaching experience. A Master's degree in Education may be acceptable if an applicant completed sufficient undergraduate and graduate courses in plant science and related disciplines. Access to a greenhouse, land lab, and other resources are required to support applied learning opportunities. Other factors that will be considered include instructor's experience in applied aspects of plant science and participation in professional development activities. Teachers must submit a detailed lecture and lab syllabus with their application for certification.