

ENVIRONMENTAL HORTICULTURE, ASSOCIATE OF SCIENCE (AS), NURSERY AND GREENHOUSE TECHNOLOGY EMPHASIS

Overview

The A.S. Degree in Environmental Horticulture with an emphasis in Nursery and Greenhouse Technology, prepares the student for professional work in the nursery and greenhouse plant production field by equipping them with skills in plant propagation, greenhouse design and small business skills.

Requirements

Associate Degree Graduation Requirements

Complete all of the following:

1. All Department Requirements listed below with a "C" or better or "P" in each course (at least 20% of the department requirements must be completed through SBCC).
2. One of the following three General Education options:
 - a. OPTION 1: A minimum of 18 units of SBCC General Education Requirements (<https://catalog.sbccc.edu/degrees-certificates-awards/#associateddegreeestext>) (Areas A-D) and Institutional Requirements (Area E) and Information Competency Requirement (Area F) OR
 - b. OPTION 2: IGETC (<https://catalog.sbccc.edu/transfer-curricula/#igetctext>) Pattern OR
 - c. OPTION 3: CSU GE Breadth (<https://catalog.sbccc.edu/transfer-curricula/#csugebtext>) Pattern
3. A total of 60 degree-applicable units (SBCC courses numbered 100 and higher).
4. Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC.
5. Maintain a cumulative GPA of 2.0 or better in all college units attempted.
6. A minimum of 12 units through SBCC.

Code	Title	Units
Department Requirements		
EH 101	Plant Identification And Culture	3
EH 102	Soils And Plant Nutrients	3
EH 103	Irrigation And Garden Waterworks	3
EH 104	Landscape Maintenance	3
EH 105	Landscape Construction	3
EH 106	Greenhouse/Nursery Operations And Practices, Plant Propagation And Plant Recognition	3
EH 110	Introduction to Horticulture	3
EH 112	Ecological Restoration I	3
or EH 113	Ecological Restoration II	

EH 290	Work Experience In Environmental Horticulture	2-4
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Complete 12 units of controlled electives selected from the following:		12
ACCT 110	Introduction to Accounting	
BIOL 120	Natural History	
DRFT/EH 126	Landscape Drafting I	
ECON 101	Microeconomics	
or ECON 101H	Microeconomics, Honors	
or ECON 102	Macroeconomics	
or ECON 102H	Macroeconomics, Honors	
EH 109	Permaculture Design	
EH 202	Residential Landscape Design	
EH 207	Small Scale Food Production	
EH 299	Independent Study In Environmental Horticulture	
ENT 204	Global Entrepreneurship	
FIN 100	Personal Finance	
MGMT 101	Introduction To Management	
MKT 101	Introduction to Marketing	
PSY 100		
or PSY 100H		
PSY 120	Introduction To Psychology	
SPAN 101	Beginning Spanish I	
SPAN 102	Beginning Spanish II	

Total Units

40.00-44.00

Learning Outcomes

1. Articulate principles of sustainable landscape maintenance, including soil health, nutrient replenishment, water efficiency, pest management, pruning, and health and human safety.
2. Demonstrate knowledge and skills regarding successful greenhouse design and maintenance providing appropriate climates for propagating various plant types.
3. Demonstrate proficiency in identifications of approximately 150 regionally common landscape plants.
4. Demonstrate the use and installation of hardscape elements in a landscape, including pavers, concrete, wooden structures and other landscaping elements.
5. Design and install a functional and water efficient landscape irrigation system.
6. Explain the soil ecosystem, its formation, structure, maintenance of its health and relationship to landscape plant growth and vigor.

Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (<https://www.sbccc.edu/counselingcenter/counselingappointments.php>).