

# ENVIRONMENTAL HORTICULTURE, CERTIFICATE OF ACHIEVEMENT (C)

## Overview

Jobs and a preferred lifestyle are what inspire most students to enter Santa Barbara City College's Environmental Horticulture program. The department offers a one-year Certificate in Environmental Horticulture as well as a two-year A.S. degree with six areas of emphasis to choose from.

"Learn by doing" is the program's philosophy. Practical labs, cooperative work study and apprentice training are heavily integrated into the program.

## Requirements

### Certificate of Achievement Requirements

Complete all Major Requirements for the Certificate of Achievement with a cumulative grade point average (GPA) of 2.0 or better. Candidates for a Certificate of Achievement are required to complete at least 20% of the major requirements through SBCC.

| Code                      | Title                                                                                | Units              |
|---------------------------|--------------------------------------------------------------------------------------|--------------------|
| <b>Major Requirements</b> |                                                                                      |                    |
| Required Core             |                                                                                      |                    |
| DRFT/EH 126               | Landscape Drafting I                                                                 | 3                  |
| 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 290                    | Work Experience In Environmental Horticulture                                        | 2-4                |
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| <b>Total Units</b>        |                                                                                      | <b>28.00-32.00</b> |

## Learning Outcomes

1. Identify common native and ornamental landscape plants.
2. Conduct a landscape assessment for ecological and economic sustainability.
3. Trouble-shoot pest, water, soil and location problems of landscape plants and plantings.
4. Provide recommendations for enhancing health of landscape trees, shrubs, other plants and soils.
5. Describe and implement both conventional and organic methods of landscape maintenance and care.
6. Design, plan and install basic irrigation systems.
7. Design, plan and install basic hardscape elements.
8. Utilize basic propagation methods to produce landscape plants.

9. Demonstrate a strong work and personal ethic through care of horticultural tools and facilities and through care of personal health during horticultural practices.
10. Experience supervised hands-on horticultural work.

## 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>).