

ASSOCIATE OF SCIENCE IN ORNAMENTAL HORTICULTURE (AS)

This degree prepares students for entry-level employment in the field of Ornamental Horticulture through the study of plant health, identification, sales, and marketing. Students will acquire skills in propagation, cultural management practices, and sales of ornamental plants in a nursery setting.

Program Outcomes

- Identify and classify common landscape plants utilized in the climate zones of the Central Valley, and describe their cultural requirements.
- Prepare appropriate growth media and utilize common horticultural techniques and practices to propagate and produce ornamental plants in containers.
- Demonstrate effective oral and written communication skills.
- Describe and demonstrate the safe and efficient use of tools, equipment and materials commonly used in ornamental horticulture and nursery management.

Career Opportunities

Upon successful completion of this degree, students will be prepared for careers or employment as: plant propagators, greenhouse managers, nursery foremen, and pesticide applicators.

Note

This degree is not designed for transfer; however, the courses included in this degree may be transferable and apply to other degrees designed for transfer.

Program Requirements

Code	Title	Units
GENERAL EDUCATION AND SUBJECT REQUIREMENTS		25
College of the Sequoias' Associate Degree General Education (COS-GE)		
+		
REQUIRED MAJOR COURSES		33
AG 110	Ag Leadership	3
AGMT 102	Ag Sales and Marketing	3
AGMT 108	Ag Business Computer Applications	3
OH 001	Introduction to Horticultural Science	3
OH 002	Plant Identification 1	3
OH 003	Plant Identification 2	3
OH 105	Plant Propagation	3
OH 204	Nursery and Greenhouse Production	3
OH 220	Diseases of Ornamentals	3
OH 222	Pests of Ornamentals	3
WEXP 193F	Agriculture Work Experience – First Semester	1-4
+		
RESTRICTED ELECTIVES		3
Select three units from the following courses:		
AG 004	Soil Science *	3

OH 007	Principles of Landscape Design	3
OH 109	Landscape Maintenance	3
OH 206	Landscape Drafting	3
OH 208	Landscape Construction	3
OH 210	Turfgrass Management	3
OH 217	Landscape Irrigation	3
OH 218	Xeriscape: Water Conservation	3
+		
ELECTIVES		0-2
Select additional degree-applicable courses numbered 001 - 299 to achieve 60 units.		
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TOTAL		60-61

* Course meets General Education requirements and 3 units may double count above in COS-GE.

The Associate Degree requirements include completion of the:

- Required major courses and restricted elective courses with a "C" or better grade in each course (required and restricted elective courses may be substituted with the approval of the Division Chair),
- General Education requirements,
- Subject requirements including PE, Health & Wellness, and American Institutions, and
- A minimum of 60 units of degree applicable courses numbered 1-299, at least 12 of which must be taken in residence at College of the Sequoias, with a "C" (2.0) average (see Associate Degree Requirements (<https://catalog.cos.edu/associate-degree-requirements/>) for additional details).