

AGRICULTURE

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Degrees

A.S. Agriculture - Horticulture

Certificate of Achievement

Landscape Practices
Nursery Production
Sustainable Small Farms Management
Viticulture Skills

AGRICULTURE - HORTICULTURE ASSOCIATE OF SCIENCE

Horticulture major leads to the Associate of Science degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be hired in the major or allied fields as a landscape designer, florist, nursery management, botanist, landscape architect or teacher. As with all programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the CSU GE Breadth pattern or IGETC GE pattern.

Required Courses - Major:

		Units
AGR 100	Plant Pest and Disease Management	3
AGR 108	Soils and Fertility Management	3
AGR 140	Introduction to Horticulture	3
AGR 240	Plant Identification-Fall	3

Plus 9 additional units selected from the following:

		Units
AGR 102	Plant Propagation	3
AGR 142	Landscape Maintenance	3
AGR 144	Nursery Management and Practices	3
AGR 147	Greenhouse Projects	1 - 3
AGR 151	Landscape Irrigation	2
AGR 154	Landscape Construction	3
AGR 196	AGR-Occupational Work Experience Education	1 - 8
AGR 241	Plant Identification-Spring	3

Total Major Units **21**

Total Degree Units **60**

Program Level Student Learning Outcomes:

1. Demonstrate a working knowledge of a variety of plants and their cultural requirements.
2. Demonstrate a working knowledge of basic plant biology.
3. Demonstrate a basic understanding of a plant's needs relative to water, fertility, light, heat and soil.
4. Demonstrate a working knowledge of plant types and their uses.
5. Demonstrate a working knowledge of basic propagation methods.
6. Demonstrate a basic ability to identify and classify plant types based on their botanical structures.

