

Horticulture Department

DEGREES

Horticulture and Plant Science (AS)

CERTIFICATES OF ACHIEVEMENT

Horticulture and Plant Science

JOB-DIRECT LOW UNIT CERTIFICATES

Landscape Designer

Landscape Technician

COURSES:

HORT (Horticulture)

CONTACT INFORMATION:

School of Mathematics and Sciences

Building: 2700 Room 2719B

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Dean: Joseph Ryan

Administrative Assistants:

Mathematics: Kayla Kaywood

Sciences: Kelsi Mundell

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P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Horticulture

Horticulture and Plant Science

Certificate of Achievement and Associate in Science

Program Description

This program is designed to provide theory and practical experience needed to enter the horticulture field or prepare for advancement or certification. It also offers some of the basic courses required of horticulture majors transferring to four-year institutions.

The Certificate of Achievement can be obtained by completing the 23-unit major. The Associate in Science can be obtained by completing the 23-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Horticulture Science Certificate of Achievement/Associate in Science will be able to:

1. Design and draft landscape plan.
2. Design an Integrated Pest Management (IPM) plan.
3. Estimate the cost of a landscape construction project.

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of Landscape Plant Materials	4
HORT 030 Landscape Design I	3
HORT 050 Introduction to Horticulture	3
HORT 055 Soils and Fertilizers	3
HORT 056 Landscape Pest Control and Management	4
HORT 070 Landscape Construction and Estimation	3
HORT 071 Irrigation Principles	3
Required Major Total Units	23

This is a Gainful Employment Program. For additional information, please visit
http://www.solano.edu/gainful_employment/ and select "Horticulture Science."

Landscape Designer

Job-Direct Low Unit Certificate

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of Landscape Plant Materials	4
HORT 030 Landscape Design I	3
HORT 031 Landscape Design II	3
HORT 050 Introduction to Horticulture	3
Total Units	13

Landscape Technician

Job-Direct Low Unit Certificate

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of Landscape Plant Materials	4
HORT 050 Introduction to Horticulture	3
HORT 071 Irrigation Principles	3
OCED 090 Occupational Work Experience	1
Total Units	11