

# ORNAMENTAL HORTICULTURE (AS DEGREE S0119)

## Natural Sciences Division

### Degree S0119

The courses in ornamental horticulture are designed to enable students to prepare for exciting careers in the essential and diverse horticulture profession. Careers in nursery management, retail garden centers, landscape design, installation and maintenance, arboretum and botanic gardens, arboriculture, interior landscaping, education, and research are just some of the options.

This degree is part of our comprehensive agricultural sciences program. Our program is unique in that most courses provide hands-on experience and are designed to give the student a combination of practical skills and technical knowledge. Students who intend to transfer should meet with a counselor or advisor to check the lower division requirements in the catalog of the college or university which they will attend and also the semester and year in which courses are offered.

Listed below are the courses needed to satisfy major requirements. It is recommended that students consult with the department chairperson, advisor or counselor to file an educational plan. For additional information, please call the Agricultural Sciences Department, ext. 4540, or visit the Mt. SAC Web site at Agricultural Sciences. (<http://www.mtsac.edu/agriculture/>)

This degree requires the completion of General Education coursework plus the following:

## Required Courses

Course Prefix	Course Name	Units
AGAG 1	Food Production, Land Use, and Politics - A Global Perspective	3
AGOR 1	Horticultural Science	3
AGOR 2	Plant Propagation/Greenhouse Management	3
AGOR 13	Landscape Design	3
AGOR 24	Integrated Pest Management	3
AGOR 29	Ornamental Plants - Herbaceous	3
AGOR 30	Ornamental Plants - Trees and Woody Shrubs	3
AGOR 32	Landscaping and Nursery Management	3
AGOR 39	Turf Grass Production and Management	3
AGOR 50	Soil Science and Management	3
AGOR 62	Irrigation Principles and Design	3
AGOR 71	Construction Fundamentals	3
Complete one to four units from the following course:		
AGOR 91	Work Experience in Horticulture	1-4
Choose six units from the following:		
AGOR 15	Interior Landscaping	3
AGOR 35	Ornamental Plants for Southwest Climates	3
AGOR 40	Sports Turf Management	3
AGOR 51	Tractor and Landscape Equipment Operations	3
AGOR 53	Small Engine Repair I	3
AGOR 63	Irrigation Systems Management	3
AGOR 72	Landscape Hardscape Applications	3
AGOR 75	Urban Arboriculture	3

CISB 15	Microcomputer Applications
---------	----------------------------

Total Units

43-46

## Program Learning Outcomes

*Upon successful completion of this program, a student will:*

- Be technically proficient.
- Demonstrate professional conduct in the industry.
- Be able to give a professional quality oral presentation.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.