

# HORTICULTURE, ASSOCIATE IN SCIENCE

The Associate in Science degree in Horticulture represents a well-rounded education in plant science: plant identification, propagation and use, and garden design. The degree will include at least one of the following specializations: irrigation, pest management, and/or tree care specialist. Students will be well prepared for industry-recognized certifications.

## Learning Outcomes

Upon successful completion of the program, students will be able to:

- Practice basic botany to identify, propagate and cultivate plants in landscape or nursery settings.
- Apply basic principles of garden design with consideration for soil, climate, drainage, water conservation and sustainability.
- Identify, monitor and manage pest and nutrition issues of plants in landscape or nursery settings.
- Identify two hundred horticultural plants by common name, scientific name, and cultivar.

## Associate in Science Degree Major Requirements

Code	Title	Units
<b>Required Core</b>		
HORT 51	Introduction to Horticulture I	3
HORT 52	Introduction to Horticulture II	3
HORT 61	Plant Identification: Shrubs, Vines, and Ground Covers	3
HORT 62	Plant Identification: Trees, Annuals, and Perennials	3
HORT 65	Basic Landscape Design	3
<b>Specializations</b>		
Select one of the following Specializations:		3-3.5
<i>Landscape Pest Management</i>		
HORT 78	Integrated Pest Management	
<i>Tree Care Specialist</i>		
HORT 55	Tree Care	
HORT 202	Landscape Pruning	
<i>Landscape Irrigation</i>		
HORT 70	Irrigation Design and Water Economy	
<b>TOTAL MAJOR UNITS</b>		<b>18-18.5</b>
<b>Additional Requirements</b>		
Complete Competency Requirements, general education pattern (MPC General Education, CSU General Education, or IGETC), and electives, if needed, for a total of 60 degree-applicable units.		41.5-42
<b>Total Units</b>		<b>60</b>

Please refer to the graduation requirements section of the Catalog for information about degree and certificate requirements including Reading and Writing, Mathematics, Information Competency, and General Education requirements.

MPC "Ready to Work" Career Education programs offer students the opportunity to gain knowledge and skills needed for employment and job advancement.

All students should consult with a Counselor to discuss career pathways, for support with career exploration and planning, and to create a personalized education plan to help them meet their academic, career, and personal goals. Visit MPC's Counseling website for more information about Counseling services provided by MPC and to connect with a Counselor.

Additional resources are available through MPC's Career & Transfer Resource Center (CTRC). The CTRC offers career resources, workshops, guidance and referrals. Visit the CTRC for support finding online career information and other resources to explore majors, occupations, and employment information.