HORTICULTURE - ASSOCIATE IN SCIENCE

Plan Code: 2962

This program is designed to furnish students with knowledge of the entry-level skills necessary to embark upon a career in the horticulture industry. It includes emphasis on practical applications leading to career advancement. This Associate Degree will prepare students for career advancement once a certificate has been earned. Appropriate course selection may also facilitate transfer in a related major.

Program Student Learning Outcomes

- Demonstrate the ability to attain the Institutional Student Learning Outcomes (ISLOs).
- Distinguish 100 landscape plants suitable for different landscape situations with proper cultural practices.
- Demonstrate safe and efficient competence with hand and power tools used in the trade.
- Demonstrate fundamental technical skills to cultivate and manage edible and ornamental plants in horticultural production systems.
- Demonstrate fundamental landscaping principles to layout and install residential gardens.

Program Requirements

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

Code Number	Course Title	Units
REQUIRED COURSES		
HORT 11A	Plant Identification: Trees	3
HORT 11B	Plant Identification: Shrubs	3
HORT 11C	Plant Identification: Herbaceous	3
HORT 11D	Plant Identification: Tropicals	3
HORT 15A	Basic Horticulture	2
or HORT 15B	Basic Horticulture	
Subtotal Units		**14**
IN ADDITION, complete TWENTY (20) units from the following:		
BIO 5	Plant Biology (4)	
FLO 286A	Introduction to Floral Design: Fall Flowers (2)	
FLO 286B	Introduction to Floral Design: Spring Flowers (2)	
HORT 15A	Basic Horticulture (2)	
or HORT 15B	Basic Horticulture (2)	
HORT 19	Turf Management (4)	
HORT 21	Principles of Landscape Design (3)	
HORT 26A	Plant Propagation - Spring (4)	
HORT 26B	Plant Propagation - Fall (4)	
HORT 30	Integrated Pest Management (3)	
HORT 202	Principles of Pruning (4)	
HORT 223	Landscape Construction (4)	
HORT 227	Interior Plant Design/Installation/Maint. (2)	
HORT 430	Landscape Maintenance (4)	
KINPP 23	First Aid and Safety (3)	
MGMT 58	Leadership and Supervision (3)	
MGMT 80	Small Business Entrepreneurship (3)	
MKTG 47	Essentials of Marketing (3)	
Subtotal Units		**20**
Required Subtotal		**34**
Complete one of the following: [1]		19-39
LBCC General Education (Plan A) (https://lbcc-public.courseleaf.com/academic-requirements/general-education-transfer-degree-certificate-requirements/general-education-plans/plan-a/)		
CSU GE Breadth (Plan B) (https://lbcc-public.courseleaf.com/academic-requirements/general-education-transfer-degree-certificate-requirements/general-education-plans/plan-b/)		
IGETC Pattern (Plan C) (https://lbcc-public.courseleaf.com/academic-requirements/general-education-transfer-degree-certificate-requirements/general-education-plans/plan-c/)		
Electives (as needed to reach 60 degree-applicable units) [2]		
Minimum Degree Total		**60**

[1] Units for the major may be double-counted for LBCC GE, CSU GE, or IGETC; see counselor for limitations.

[2] Elective units from course(s) numbered 1-599, if needed, to reach 60 degree-applicable units.