

HORTICULTURE

LONG BEACH CITY COLLEGE

Curriculum Guide for Academic Year of 2009-2010 Certificate of Achievement and/or Associate in Science

ALL INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE.

For possible updates to this guide please refer to the following website: <http://osca.lbcc.edu>

CAREER OPPORTUNITIES

This field of concentration 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. Also, it provides a partial lower division preparation for transfer to a baccalaureate degree program in this field.

This Certificate of Achievement will prepare students for an entry-level position in a variety of horticulture/landscape/nursery industry positions and will serve as a foundation for specialization.

This Associate Degree will prepare students for career advancement once a certificate has been earned. Appropriate course selection will also facilitate transfer in a related major.

DEPARTMENTAL ADMISSION REQUIREMENTS

None . For more departmental information call (562) 938-3092.

REQUIRED COURSES

		UNITS	In Progress	Completed Grade
HORT 11A-D	Plant Identification (F, SP)	3:3:3:3		
HORT 15A <u>OR</u> 15B	Basic Horticulture (F, SP)	2		
Subtotal Units		14		

Select **SIX (6)** units from the following courses:

† ♦ HORT 271AD	Work Experience - Horticulture (F, SP)	2:2:2:2		
† ♦ HORT 272AD	Work Experience - Horticulture (F, SP)	3:3:3:3		
† ♦ HORT 273AD	Work Experience - Horticulture (F, SP)	4:4:4:4		
Subtotal Units		6		

Select **TWENTY (20)** units from the following courses:

BIO 5	Plant Biology (F, SP)	4		
BIO 18	Edible, Poisonous & Useful Plants (INF)	2		
COMIS 1A	Computer Information Competence	1		
HORT 10AB	Greenhouse Operation/Mgmt (SP)	4:4		
ϕ HORT 15A or 15B	Basic Horticulture (F, SP)	2		
HORT 19	Turf Management (F, SP)	4		
HORT 21	Principles of Landscape Design (INF)	3		
HORT 26A	Plant Propagation (S)	3		
HORT 26B	Plant Propagation (F)	3		
HORT 28AB	Horticulture Equipment Operation (F)	3:3		
HORT 30	Integrated Pest Management (INF)	3		
HORT 202AB	Principles of Pruning (F)	4:4		
HORT 223AD	Landscape Construction (F, SP)	4:4:4:4		
HORT 227	Interior Plant Design/Installation (INF)	2		
HORT 430	Landscape Management	4		
FLO 286A	Introduction to Floral Design – Fall Flowers (F)	2:2		
FLO 286B	Introduction to Floral Design – Spring Flowers (SP)	2:2		
MGMT 80	Small Business Entrepreneurship	3		
SPAN 1A	Elementary Spanish	3		
Subtotal Units		20		

TOTAL UNITS

HORTICULTURE

40

LEGEND

- † This course has a prerequisite; prerequisite courses must be completed with at least a "C" or "P" grade (see catalog).
- ◆ Must be in the horticulture program and enrolled in a minimum of seven (7) units.
- ⊕ Cannot be used as an elective if counted under required units.
- (SP = Spring) (S = Summer) (F = Fall) (INF = Infrequently) = Represents general frequency of course offering

GRADUATION REQUIREMENTS

For CERTIFICATE OF ACHIEVEMENT:

This certificate is a one to two year program in occupational/technical areas at Long Beach City College which provides training in job skills and employment opportunities. Complete the required units with a minimum cumulative grade point average of 2.5 ("C+" average). Fifty percent (50%) or more of the unit requirements for this field of concentration must be completed in residence (credit earned by exam, where applicable, may be included).

For ASSOCIATE IN SCIENCE DEGREE:

NOTE: Effective Fall 2009, Title 5, section 55063 (a) (2) requires that students must complete each course counted toward the major or area of emphasis with a grade of "C" or better or "P" if the course is taken on a "Pass/No Pass" basis.

The Associate Degree is a two-year college degree awarded by Long Beach City College which includes general education courses and a major. In addition to the requirements for the Certificate of Achievement, complete the A.S. degree requirements specified in the catalog. The requirements for general education/proficiency and the field of concentration need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout (see the catalog for definition of "continuous enrollment"). Fifty percent (50%) or more of the unit requirements for this field of concentration must be completed in residence (credit earned by exam, where applicable, may be included).

NOTE: To receive a certificate or degree you must submit completed application forms in the Admissions and Records Office during your final semester of course work.

In general, "double-counting" is not allowed. That is, one course may not be used to fulfill both a field of concentration requirement and to fulfill a general education requirement.

SUGGESTED SEQUENCE OF COURSES

This is not an educational plan, as course offerings, student schedules, and circumstances vary. Students must meet all the prerequisites in order to be eligible for the sequence of courses.

A suggested full-time sample sequence of courses for the 60 units to reach an Associate Degree includes:

<u>First Semester</u>		<u>Second Semester</u>	
HORT 15A or B	2 Units	HORT 11A-D	3 Units
HORT 11A-D	3	HORT 19	4
HORT 223AD	4	HORT 223AD	4
HORT 202AB	4	HORT 227	2
HORT 28AB	3	HORT 271-3AD	2-4
G.E. Course	3-5	HORT 430	4
		G.E. Course	3-5
Semester Total	19-21 Units	Semester Total	28-26 Units
<u>Third Semester</u>		<u>Fourth Semester</u>	
HORT 11A-D	3 Units	HORT 11A-D	3
HORT 223AD	4	HORT 223AD	4
HORT 26AB	3	HORT 10AB	4
HORT 21	3	HORT 271-3AD	2-4
HORT 271-3AD	2-4	HORT 30	3
G.E. Course	3-5	G.E. Course	3-5
Semester Total	18-22 Units	Semester Total	19-23 Units

Students interested in transferring to a university to continue their study in this field of concentration or other majors are strongly advised to consult an LBCC academic counselor and refer to the ASSIST website (www.assist.org) for major preparation information. Counselors can clarify the different major and admissions requirements at a university. Students may visit the Student Success/Transfer Services Center to access further educational resources. If you need to set up an appointment to see a counselor or schedule the SOAR Test, call LAC (562) 938-4561 or PCC (562) 938-3920.