

Horticulture Certificate Curriculum Sequence

Students can begin the program any quarter.

Designed for aspiring horticulturists and for professionals currently working in the landscape industry, the Horticulture Certificate provides the science-based curriculum sought by current industry employers.

The certificate provides a comprehensive approach to horticulture, teaching proper plant care, how to think strategically and holistically in any environment, and how to be successful and competitive within the industry.

Certificate Designed For

- Landscape Maintenance Professionals
- Master Gardeners
- Horticulture/Nursery Professionals
- Garden Designers
- Landscape Contractors
- Individuals pursuing a career change into the horticulture industry

Curriculum

The curriculum consists of 6 core courses and 4 units of program-approved electives. Students are able to finish the certificate in as little as one year. Enroll in courses individually or as part of the certificate.

Core

Spring	Summer	Fall	Winter
General Botany for Gardeners (4 units) Introduction to Irrigation Practices (4 units)	Plant Materials for Landscape Use (4 units)	General Botany for Gardeners (4 units) Horticulture Pest Management (4 units)	Soils and Plant Nutrition (4 units) Plant Taxonomy and Identification (2 units)

* 4 elective units or a program approved internship must be completed before the certificate is awarded.

For More Information

(310) 825-9586 | horticulture.uclaextension.edu

Horticulture & Gardening

Enrollment is open to anyone interested in learning the science of horticulture or the common techniques to successful gardening.

For more information visit horticulture.uclaextension.edu.

BIOLGY 751 Horticulture & Gardening Information Session

Interested in taking your passion and turning it into a career? The Horticulture & Gardening program offers a wide range of programs and courses to get you on your way. Whether you are looking for a new career path or desire the knowledge to care for your own landscape more efficiently, we have the course for you. This free information session covers program certificate curriculum, specializations, individual courses, schedules, and fees associated with taking this new "green" path. Led by the program director, former students, and a current instructor, we've got the answers to all your questions. We will offer discounts on select courses for NEW program students who attend this open house.

Reg# 380946

Fee: \$0

No refund after 24 July.

❖ Remote Instruction

1 mtg

Saturday, 1-2:30pm, July 31

Free Program Information Session/Open House.

Program starts promptly at 1pm.

Stephanie Landregan, BA, landscape architect (CA 4093)

Melissa McDonald

BIOLGY X 499

Plant Materials for Landscape Use

4.0 units

This course presents the characteristics of up to 150 plants selected for their garden use and seasonal interest in the Southern California area. Topics include trees, shrubs, ground covers, vines, and herbaceous plants, emphasizing their landscape use, appropriate placement, horticultural care, and ornamental features. A course project is required for all credit students.

Reg# 380948

Fee: \$625

No refund after 29 June.

● Hybrid

11 mtgs

Wednesday, 5:30-7pm, June 23-Sept. 1

Core course in Horticulture Certificate.

Visitors not permitted. 🌐

Joshua Rosen, Joshua Rosen is a licensed landscape architect passionate about the use of a diverse, climactically-appropriate plant palette. He has worked in Los Angeles on a wide range of landscape project types for nearly 15 years, serves on the Santa Monica Architectural Review board, and is the founder of Airplantman, a tillandsia display company.

Reg# 382010

Fee: \$625

No refund after 29 June.

● Hybrid

11 mtgs

Wednesday, 8-9:30pm, June 23-Sept. 1

Core course in Horticulture Certificate.

Visitors not permitted. 🌐

Joshua Rosen, for credits see page 112.



Indoor Plant Care

Taught by Professional Horticulturist and author of several plant books, **Leslie F. Halleck** takes students through the wonderful and exciting world of indoor plant care. Students will learn to create healthy indoor environments to successfully grow and care for a variety of plants.

Elective course in the Horticulture Certificate and open to anyone interested in growing plants indoors.

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For More Information

horticulture@uclaextension.edu | 310-825-9414

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BIOLGY X 4975

Gardening Practices and Techniques

4.0 units

This course offers a practical introduction to the basics of maintaining a home garden. Students gain knowledge in tool selection and care, soil preparation, planting, plant nutrition, and water requirements. Topics include common landscape problems with organic and holistic solutions; our special climate and micro-climates, including sun and shade exposures; various pruning techniques; types of irrigation systems; gardening in containers; and gardening with color including perennials, annuals, and bulbs.

Reg# 380947

Fee: \$625

No refund after 30 June.

- ❖ Remote Instruction

11 mtgs

Thursday, 6:30-9:30pm, June 24-Sept. 2

Core course in the Gardening Specialization. Elective course in the Horticulture Certificate. 🌐 📖

Jill Morganelli, BS in Horticulture and Food Crop Production from Colorado State University. Horticultural Supervisor of the Los Angeles County Arboretum & Botanic Garden for 10 years (retired).

BIOLGY X 465.33

Indoor Plants: Care and Maintenance

4.0 units

Plants add color, texture, and warmth to indoor spaces. They improve air quality and add a natural and living element to a room's design. Whether you are looking to expand your indoor plant collection, just getting started with your first plant, or looking for answers to your many plant problems, this course focuses on the fundamental aspects of growing plants indoors. Instruction includes properly identifying fifty plants that do well in an indoor environment and their specific cultural requirements. The course of study also covers understanding indoor environments, which is fundamental when choosing plants that will have the most success. This course covers common indoor plant pests, diseases, watering techniques, artificial and natural lighting, humidity, temperature, etc.

Reg# 381012

Fee: \$625

No refund after 28 June.

- 🌐 Online

June 22-Aug. 31

Optional weekly live Q&A sessions:

Tuesdays 6-7pm PT. 🌐 📖

Leslie F. Halleck, Certified Professional Horticulturist (ASHS) has spent a nearly-thirty-year career hybridizing horticulture science with home gardening consumer needs. Halleck earned a BS in Biology/Botany from the University of North Texas and an MS in Horticulture from Michigan State University

BIOLGY X 49719

Planting Design for the Home Gardener

4.0 units

This course covers the principles of design for the residential garden using a combination of plant materials and built elements. Instruction includes spatial, functional, climatic, and visual analysis of the site. It also explores the design process for laying out the garden, choosing site-appropriate plants, providing structural definition, and producing desired moods, vistas, and aesthetic effects.

Reg# 381011

Fee: \$625

No refund after 27 June.

- ❖ Remote Instruction

10 mtgs

Monday, 6:30-9:30pm, June 21-Aug. 30

No meeting July 5.

Elective course in the Horticulture Certificate. 🌐 📖

Wendy Glomb, BLA, who began teaching at UCLA Extension in 2013. She is a member of the L.A. chapter of the AIA and has a practice in Los Angeles as well as Santa Barbara.

Course Icons Provide Information At-a-Glance

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- 📖 TEXTBOOK REQUIRED
Visit our website for textbook information.
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May be transferable to other colleges and universities, page 6.