

# Horticulture Certificate Curriculum Sequence

Students Can Begin the Program at Any Time

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 Professionals
- Master Gardeners
- Garden Designers
- Landscape Contractors

## 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. Students do not need to be enrolled in the certificate to take individual courses.

## Core

### Offered This Quarter

Spring	Summer	Fall	Winter
<b>General Botany for Gardeners (4 units)</b> <b>Irrigation and Water Management (4 units)</b>	<b>Plant Materials for Landscape Use (4 units)</b>	<b>Horticultural Pest Management (4 units)</b>	<b>Soils and Plant Nutrition (4 units)</b> <b>Plant Taxonomy and Identification (2 units)</b>

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

## For More Information

(310) 825-9414 | [horticulture.uclaextension.edu](http://horticulture.uclaextension.edu)



## Horticulture Certificate

Designed specifically for professionals currently working in the field or individuals pursuing a new professional career in the landscape industry. Courses are taught by accomplished academics and working industry professionals.

### Certificate Specifics

Take the first step in your new career, enroll today!

- 26 units
- Completion time: 1 year (2 courses per quarter)
- Students pay for courses on a per course basis

All courses are open enrollment courses, students do not need to be part of the certificate program to take a course.

## For More Information

Visit [uclaextension.edu](http://uclaextension.edu) or call the Horticulture & Gardening program office at (310) 825-9414.

## Horticulture

### Horticulture & Gardening

**Enrollment is open to anyone interested in learning the science of horticulture or the common techniques to successful gardening. For Horticulture Certificate information visit [horticulture.uclaextension.edu](http://horticulture.uclaextension.edu).**

#### BIOLGY 751

### Horticulture & Gardening Open House

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 raffle off a free class and offering discounts on select courses for NEW program students who attend this open houses. *This information session is free and open to the public. Please RSVP/Enroll today!*

#### Reg# 361373

- ❖ **Classroom**  
1 mtg  
Saturday, 1-2:30pm, Aug. 11  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

**Stephanie Landregan**, BA, landscape architect (CA 4093)

#### BIOLGY X 494

### Introduction to Horticulture

4.0 units

Designed for beginners and experienced gardeners, this course covers the basics of garden care and provides the student with the knowledge to solve many of the problems commonly faced in keeping plants healthy. Topics include soils and soil amendments, fertilizers, plant physiology and identification methods, planting, pruning, and staking techniques, turf grasses, plant selection guidelines, and pest and disease control. The course also includes a brief history of horticulture and an introduction to taxonomy. Students are encouraged to bring in plants for identification and discussion. Includes field trips.

#### Reg# 361374

**Fee: \$625**

- ❖ **Classroom**  
11 mtgs  
Wednesday, 7-10pm, June 27-Sept. 5  
UCLA: Rolfe Hall  
**Field Trip**  
Saturday, 9am-12pm, Aug. 25

*One weekend meeting to be arranged.*

*Core course in Horticulture Certificate. Elective course in the Landscape Architecture Certificate.*

*No refund after July 10. 🌐 📖*

**Gary Jones**, chief horticulturist at Armstrong Garden Centers. He has served as a member of the Board of Trustees for The Arboretum of Los Angeles and is a member of the Board of Advisors for Southern California Chapter of The Mediterranean Garden Society.

## Horticulture Electives

Some Landscape Architecture courses count toward elective requirements in the Horticulture Certificate.

To view Landscape Architecture courses visit page 18.



# Gardening Specialization

Take your love of plants to the next level with the new Gardening Specialization. Designed for gardening enthusiasts, students will learn the fundamentals of gardening via lecture, hands on practice, and field trips to unique garden destinations in and around the Los Angeles area. Individuals who desire the knowledge to successfully grow and maintain plants should sign up today.

### Required Courses

Spring	Summer	Fall	Winter
Introduction to Horticulture Irrigation and Water Management	Gardening Practices and Techniques	Introduction to Horticulture	Soils and Plant Nutrition

All courses are open enrollment, students can start the program any quarter. Courses begin on page 124.

### For More Information

Visit [uclaextension.edu](http://uclaextension.edu) or call the Horticulture & Gardening program office at (310) 825-9414.

### 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. The first class is held on campus, followed by field trips by itinerary. A course project is required for all credit students.

*Prerequisite(s):* X 496.2 General Botany for Gardeners or X 494 Introduction to Horticulture.

#### Reg# 361358

**Fee: \$625**

##### ❖ Classroom

8 mtgs

Sunday, 12-5:30pm, July 8; Sept. 9

UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

##### Field Trips

Sunday, 12:30-3:30pm, July 15-29

Sunday, 12:30-4:30pm, Aug. 12-19

Sunday, 12:30-5:30pm, Aug. 26

*No meeting July 1; Aug. 5; Sept. 2.*

*Core course in Horticulture Certificate.*

*Visitors not permitted. No refund after July 14.* 🌐

**Joshua Rosen**, a licensed landscape architect who is 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.

### BIOLGY X 497.5

#### Gardening Practices and Techniques

4.0 units

This course offers a practical introduction to the basics of maintaining a home garden. At their garden plot, students gain first-hand experience in tool selection and care, soil preparation, planting, fertilizing, and watering. Topics include common landscape problems and solutions; our special climate and microclimates, including sun and shade exposures; various pruning techniques; types of irrigation systems; gardening in containers; and gardening with color including perennials, annuals, and bulbs.

*Prerequisite(s):* X 494 Introduction to Horticulture or X 496.2 General Botany for Gardeners.

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### Reg# 361357

**Fee: \$625**

##### ❖ Classroom

10 mtgs

Tuesday, 6:30-9pm, June 26; July 10-Aug. 14

Location to be announced.

##### Field Trips

Saturday, 9-11:30am, July 7

Saturday, 9am-12pm, Aug. 11-18

*Core course in the Gardening Specialization.*

*Visitors not permitted. No refund after July 6.* 🌐

**Nancy Harrington**, teacher and landscape contractor with 37 years of experience. In addition to working in the field, she has taught for more than 30 years on almost every aspect of gardening and horticulture. Ms. Harrington has been an instructor with UCLA Extension since 2001.

### BIOLGY X 498.10

#### Greener Gardens: Sustainable Garden Practice

4.0 units

Sustainability is today's buzzword and many people seek to create a lifestyle with a more favorable impact on the environment. From home and school gardens, to commercial sites, our gardens present the perfect place to start. Designed for horticulture students, gardening professionals, educators, and home gardeners, this course focuses on turning your green thumb into a "greener" garden. Topics include composting, irrigation, water harvesting, water-wise plants, eating and growing local produce, recycling, and moving away from a consumptive, non-sustainable lifestyle when choosing materials and tools. Includes weekend field trips to the Los Angeles River to see our relationship with water in the L.A. basin, as well as the Rancho Santa Ana Botanical Garden, focusing not only on California native plants but also on water-conserving planting design. Students also visit the John T. Lyle Center for Regenerative Studies at Cal Poly Pomona, which advances the principles of environmentally sustainable living through education, research, demonstration, and community outreach.

#### Reg# 361356

**Fee: \$625**

##### ❖ Classroom

12 mtgs

Thursday, 6:30-9:30pm, June 28-Aug. 16

UCLA Extension Gayley Center:

1145 Gayley Ave.

##### Field Trips

Saturday, 1:30-4:30pm, July 7 & 28;

Aug. 11 & 23

*Visitors not permitted. No refund after July 4.* 🌐

**Orchid Black**, owner, Pitcher Sage Design, a sustainable garden business with an emphasis on native plants and water conservation

**David King**, gardener for more than 50 years,

### Free Information Session!

## The Horticulture Certificate Program

Saturday, August 11, 12:30-2pm, 1010 Westwood Blvd.

The certificate program is designed for aspiring horticulturists as well as current industry professionals looking for more formal education.

Attend our informative Open House to learn more about the curriculum, career opportunities, and the benefits of enrollment in our certificate. Speakers include program director, program instructor, and current and former students.

### Course Discount

Each new program student who attends the Open House receives a 15% discount on the following courses:

#### BIOLGY X 498.2 Horticulture Pest Management

#### BIOLGY X 496.2 General Botany

### For More Information

[horticulture@uclaextension.edu](mailto:horticulture@uclaextension.edu) | (310) 825-9414

specializing in edible plants. A long-standing member of Seed Savers Exchange and the American Community Gardening Association (former board member), he is the founding chair of the Seed Library of Los Angeles.

### BIOLGY X 497.30

#### The Art and Practice of Pruning

2.0 units

Learn how to maintain the artistry and integrity of good landscape design through a variety of pruning practices. This hands-on course explores the fundamentals of trimming small trees, shrubs, roses, and vines, as well as perennials, annuals, and ground covers. Field trips to local residential gardens allow students to gain valuable practical experience in pruning a variety of plants for overall health and vigor. With a few basic tools, students learn the best timing and frequency for dead-heading flowers, cutting back, thinning, corrective pruning, training espaliers, topiaries, and more.

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### Reg# 361375

**Fee: \$445**

##### ❖ Classroom

6 mtgs

Monday, 6:30-9:30pm, July 9-16

UCLA: Botany

##### Field Trips

Saturday, 9am-12pm, July 14-Aug. 4

*Enrollment limited; early enrollment advised. Visitors not permitted. Enrollment deadline July 13. No refund after July 13.* 🌐

**Nancy Harrington**, teacher and landscape contractor with 37 years of experience. In addition to working in the field, she has taught for more than 30 years on almost every aspect of gardening and horticulture. Ms. Harrington has been an instructor with UCLA Extension since 2001.