



# LANDSCAPE

# ARCHITECTURE

# & HORTICULTURE

113 LANDSCAPE ARCHITECTURE

115 HORTICULTURE & GARDENING

*For more information call (310) 825-9414.*

## WHAT OUR STUDENTS SAY

*“The emphasis on practical applications over the theoretical prepares students to immediately and confidently enter the profession of landscape architecture.”*

— **Amy Hite**, current Landscape Architecture Certificate Student

*Landscape Architecture and  
Horticulture & Gardening Programs*

## Free Information Session

Saturday, August 3, UCLA Extension 1010 Westwood Center

9:30–11:30am

**Landscape Architecture**

RSVP to [landscapearchitecture@uclaextension.edu](mailto:landscapearchitecture@uclaextension.edu)

1–2:30pm

**Horticulture & Gardening**

RSVP to [horticulture@uclaextension.edu](mailto:horticulture@uclaextension.edu)

See pages 113 & 115 for complete information.

For more information call (310) 825-9414.

# Landscape Architecture Curriculum

Students can begin the program sequence Summer or Fall Quarter; courses must be taken in sequence & during the year indicated below.

## Year 1

Summer/Fall	Fall/Winter	Winter/Spring	Spring/Summer
<b>Introduction to the Landscape Design Professions</b> (4 units)  <b>Design Graphics 1: Drafting and Drawing of the Built Environment</b> (4 units)	<b>Landscape Design 1: Site Design Basics</b> (4 units)  <b>Design Graphics 2: Communication for Site Analysis, Conceptual, and Site Design</b> (4 units)	<b>Landscape Design 2: Site Design</b> (4 units)  <b>Design Graphics 3: Digital Rendering and Presentation Drawings</b> (4 units)	<b>Landscape Design 3: Advanced Site Design</b> (5 units)  <b>AutoCAD 1</b> (4 units)  <b>History of the Designed Landscape</b> (4 units) <i>Only Offered Summer Quarter</i>

## Year 2

Fall	Winter	Spring	Summer
<b>Grading &amp; Drainage</b> (4 units)  <b>Plant Materials: Trees</b> (4 units)  Portfolio Review	<b>Landscape Design 4: Sustainable Design/ Environmental Analysis and Planning</b> (4 units)  <b>Plant Materials: Shrubs</b> (4 units)	<b>Landscape Design 5: Planting Design</b> (4 units)  <b>AutoCAD 2</b> (4 units)	<b>Landscape Design 6: Concept Development</b> (4 units)  <b>Irrigation/Water Conservation</b> (4 units)

## Year 3

Fall	Winter	Spring	Summer
<b>Landscape Construction Methods &amp; Materials</b> (4 units)  <b>Construction Drawing 1</b> (4 units)  <b>Professional Practices in Landscape Architecture</b> (2 units)	<b>Construction Drawing 2</b> (4 units)  <b>Human Factors in Landscape Architecture</b> (4 units)	<b>Landscape Design 7: Advanced Design Studio</b> (5 units)  <b>Capstone Project Seminar</b> (3 units)	<b>Capstone Project Studio</b> (10 units)  Portfolio Review

- 6 elective units must be inserted into the 3-year plan before beginning the Capstone Project Studio.
- Students beginning Summer Quarter should expect the program to last 3 years and 1 quarter. They will receive individual advising and a slightly altered sequence.

## For More Information

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

## Landscape Architecture

For more information call (310) 825-9414 or email [landscapearchitecture@uclaextension.edu](mailto:landscapearchitecture@uclaextension.edu).

*Note:* The Landscape Architecture Program does not support AutoCAD on the Mac.

All CAD courses are fast-paced and complex; absence from any meeting is discouraged. The courses require at least three hours of computer work outside of class per week. Lab hours are not available; therefore, students must have access to their own hardware and software for the courses in which they enroll. Laptops are required for certain courses; check individual course descriptions for specifics.

### FREE SOFTWARE AND SOFTWARE LICENSES

Certificate students may download AutoCAD for free upon proof of student status and may be eligible for academic rates on other software for their home computer. Prices and restrictions are subject to change. Software versions should reflect the version used in class as an older version may not possess the same interface or tools demonstrated in class. Each student must verify that his/her computer meets the software's minimum system requirements. For more information call (310) 825-9414.

### ARCH 751

#### Landscape Architecture Open House

Alumni, current students, and program instructors will be on hand at this *free* information session to answer any questions you may have regarding the program. If you are interested in becoming a landscape designer or a Landscape Architect, sign up today! Open house is from 9:30-11:30am. Program director will discuss path to licensure, program curriculum, financial aid, and career opportunities. Don't miss this opportunity to get tons of information about the profession and how you can start a new career. We will be raffling off a free class and offering discounts on select courses for new students who attend the open house.

#### Reg# 368156

#### Free Program Information Session/ Open House.

*No refund after 4 Aug.*

#### ❖ Classroom

1 mtg

Saturday, 9:30-11:30am, Aug. 3  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

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

### ARCH X 472

#### Introduction to the Landscape Design Professions

4.0 units

This introductory course covers the history, scope, types, and scale of landscape design professions; licensure; professional societies; and current issues. Terminology, construction concepts, basic graphic skills, and model-making are also introduced.

#### Reg# 368158

**Fee: \$925**

*No refund after 2 July.*

#### ❖ Classroom

12 mtgs

Wednesday, 7-10pm, June 26-Sept. 4

UCLA Extension DTLA: 261 S. Figueroa St.

Saturday, 9am-12pm, July 20

UCLA Extension DTLA: 261 S. Figueroa St.

*Visitors not permitted.* 🌐

**Steve Lang**, managing principal of the Southern California office of Moore Jacobson Goltman (MIG) in Fullerton. Specializing in park and recreation planning and design, Mr. Lang has been actively involved in award-winning projects for more than 35 years.

## Landscape Architecture Electives

Some Horticulture & Gardening courses count toward elective requirements in the Landscape Architecture certificate.

Horticulture & Gardening courses begin on page 115.



## Become a Landscape Architect

Summer Quarter is the perfect time to start the Landscape Architecture Certificate with our two introductory courses.

### X 472 Introduction to the Landscape Design Professions

### X 472.4D Design Graphics I

- Designed for working professionals and those looking for a career change, this three-year, intensive program prepares you for the exciting and wonderful world of landscape architecture.
- You do not need to be a certificate student to enroll in the introductory courses.
- Explore a new career path... enroll today!

Above: Jessyca Frederick

### For More Information or Detailed Course Descriptions

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



## Rhinoceros 5

Saturdays, 10am–2pm, DTLA Campus

Laptop Course

This course will teach students fundamental modeling techniques and procedures in the 3D modeling software Rhinoceros 5, as well as their practical application in the field of Landscape Architecture. It will examine the limits of the software through a series of modeling exercises intended to showcase Rhinoceros 5's capabilities in representing landscapes, spaces, and objects at a variety of scales. Basic means and methods to output modeled content for further use and development will be demonstrated.

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### For More Information

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

### ARCH X 472.4D

### Design Graphics 1: Drafting and Drawing of the Built Environment

4.0 units

Students learn introductory drafting, lettering, and drawing techniques as they relate to the field of Landscape Architecture and professional standards. All work product is developed from Tongva Park, a real site located in Santa Monica. At the end of this course, students make a presentation to the instructor and visiting guests. The students present a package of work product that includes hand drafting of a dimensioned site plan, section/elevations, and perspective vignettes.

Reg# 368162

Fee: \$925

No refund after 30 June.

- ❖ Classroom  
11 mtgs  
Monday, 6:30-9:30pm, June 24-Aug. 12  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.  
Sunday, 10am-4pm, Aug. 18  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.  
Sunday, 9am-5pm, Sept. 8  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd. 🌐 📖
- Field trip  
Sunday, 9am-4pm, Aug. 11

**David Squires**, MA in Architecture and Urban Design, UCLA; BS in Landscape Architecture and Regional Planning, Washington State University. Mr. Squires is the principal of AroundYOU, a multi-disciplinary studio offering master planning, solar planning, architectural design, landscape architecture, and garden design.

**Laura Razo**, BSLA, MLA, project manager/landscape designer, who has more than 13 years of professional experience as a landscape designer and project manager. She received her BS in Landscape Architecture (BSLA) from Cal Poly, Pomona and received her MLA in 2015.

### ARCH X 471.2

### Landscape Design 3: Advanced Site Design

5.0 units

This course introduces the student to the landscape architectural design process, emphasizing site inventory, analysis, program, design process, and concept development. Projects are mid- to large-scale sites you can actually visit, such as civic plazas, freeway capping projects, downtown urban redevelopment, etc. The design program for each project will be defined by the instructor. Presentation graphics will be both hand-drawn and/or physically built. Students will also use computer modeling, rendering, 3D modeling, InDesign, Sketchup, and Photoshop. Final presentation products will utilize hand graphics with blended use of CAD and 3D modeling as background support only.

Prerequisite(s): X 471.1A Landscape Design 1; X 471.1B Landscape Design 2; X 472.4F Design Graphics 3.

Reg# 368157

Fee: \$1,155

No refund after 3 July.

- ❖ Classroom  
11 mtgs  
Thursday, 6-10pm, June 27-Sept. 5  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.  
Field trip  
Sunday, 9am-1pm, June 30  
No meeting July 4. 🌐

**Francisco Behr**, BArch, AIA, architect (CA 14634); as president and director of design at Behr Browers Architects Inc. Mr. Behr has more than 25 years of design and planning experience. Mr. Behr has been an instructor for UCLA Extension's Landscape Architecture Program for the past 22 years.

### ARCH X 493.992

### AutoCAD 1

4.0 units 3.3 CEUs

This course introduces students to the fundamentals of AutoCAD, as well as how to apply and manage the tool. Students who successfully complete the course acquire a good foundation upon which they may further develop the tool. While instruction is directed toward landscape architecture, those in related disciplines also should find the course valuable.

Prerequisite(s): Basic knowledge of computers.

Reg# 368164

Fee: \$1,050

No refund after 9 July.

- ❖ Classroom  
10 mtgs  
Wednesday, 6:30-10pm, July 3-Sept. 4  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

Landscape Architecture certificate students must take this course for unit credit; other students may choose either unit credit or 3.3 continuing education units.

Students must have access to most recent version of AutoCAD software; student versions of the software may be downloaded for free upon proof of student status. UCLA Extension computer labs are not available after class. This course does not support AutoCAD on Mac computers.

Visitors not permitted. 📖 🌐

**Victor Corona**, AIA, who is a registered architect in the state of California (C25767). Mr. Corona is principal of VMC-architecture, interactive architecture and interior design firm, in Stevenson Ranch, CA. He is a member of the American Institute of Architects, Los Angeles Chapter.

### ARCH X 472.6A

### History of the Designed Landscape

4.0 units

The Landscape Architecture Program's history course comprises the study of the evolution of landscape design through Western civilization. Lectures cover the outstanding examples of landscape garden design and their relationships to art and architecture, as well as the philosophical, social, political, and historical forces that influenced the designed environment. Instruction includes extensive visual materials.

Reg# 368163

Fee: \$925

No refund after 1 July.

- 🌐 Online  
June 25-Sept. 3

**JC Miller**, who is a partner and principal at Vallier Design Associates in Point Richmond, California. He is a licensed landscape architect with a keen interest in the processes, especially the ethical frameworks, which guide the creation of the built environment. He is the former director for the Landscape Architecture Program at UC Berkeley Extension.

### ARCH X 472.19

### Landscape Design 6: Concept Development

4.0 units

This course explores the use of drawings as tools for visualization and design development. The focus is on developing an ability to use drawings to model and manipulate visual information throughout the various stages of design evolution. Techniques for examining ideas and concept alternatives through composite, perspective, orthographic, and axonometric drawings are explored. Lectures present examples of built projects and methods of recognized professionals, which illustrate the dramatic influence drawing type may have on the final form or organization of a design. The course requires intensive drawing time; students must have already mastered basic drafting and sketching skills.

Prerequisite(s): X 472.9 Landscape Design 4: Environmental Analysis and Planning.

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**Reg# 368161****Fee: \$925***No refund after 1 July.*❖ **Classroom**

12 mtgs

Tuesday, 7-10pm, June 25-Sept. 3

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*Field trip*

Saturday, 11am-2pm, July 6

*Visitors not permitted.* 🌐 📖

**Charles Ware**, BSLA, Ohio State, 1985; MLAUD, Virginia Tech, 1987; MArch, Sci-Arc, 2008. Chuck recently authored an award-winning textbook titled *Landscape Architecture Documentation Standards: Principles, Guidelines, and Best Practices*.

**ARCH X 472.12B****Irrigation/Water Conservation**

4.0 units

This course focuses on irrigation system design, specifications, and construction. Instruction emphasizes water conservation and techniques of efficient and appropriate application. Various systems and techniques are explored, as well as concepts for system modernization, reclamation, and water management.

*Prerequisite(s):* X 472.12A Grading and Drainage, X472.5 Landscape Design 5: Planting Design, and X 493.6 AutoCAD 2.

**Reg# 368159****Fee: \$925***No refund after 2 July.*❖ **Classroom**

11 mtgs

Wednesday, 7-10pm, June 26-Sept. 4

UCLA Extension DTLA: 261 S. Figueroa St.

*Students should have their own version of AutoCAD.**Laptop highly recommended.**Visitors not permitted.* 🌐

**Jeff Chamlee**, BIA, landscape architect (CA 1736); director of productions for Architect Design Group. With more than 35 years' experience in a diverse array of project types, such as Kenneth Hahn State Recreation Area, Veterans Memorial Regional Park in Sylmar, and Roxbury Memorial Park in Beverly Hills, among many others.

**ARCH X 472.15D****Capstone Project Studio**

10.0 units

The Capstone Project Studio is an intensive course in which students develop a comprehensive and creative final design project that reflects their special interests and demonstrates the theory, skills, and knowledge acquired over the two-and-a-half prior years of study in the Landscape Architecture Program. Students select individual projects and complete the Capstone Studio Project in 12 weeks. Small studio groups meet twice weekly under instructor guidance to review work in progress. Class sessions include discussion of design theory and process, programming, design concepts, and graphic communication. The student will prepare for weekly critiques and meet milestones. Completed projects are presented before instructors, guidance committee members, and local professionals at approximately week 11.

*Prerequisite(s):* X 472.15C Capstone Project Seminar.

**Reg# 368160****Fee: \$2,310***No refund after 30 June.*❖ **Classroom**

28 mtgs

Monday, Thursday, 6-10pm, June 24-27;

July 1-Aug. 29; Sept. 5

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

Saturday, 9am-1pm, June 29; Aug. 24

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

Thursday, 6-10pm, Sept. 5

UCLA Extension Gayley Center:

1145 Gayley Ave.

Saturday, Sunday, 8am-5pm, Sept. 7-8

UCLA Extension Gayley Center:

1145 Gayley Ave.

*Restricted course. Students who wish to take this course must request permission from the program office before they can enroll.*

*Visitors not permitted.* 🌐

# 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**

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

All courses are open enrollment, students can start the program any quarter. Courses begin on page 115.

**For More Information**

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

**Meg Rushing Coffee**, Landscape architect (CA 4747). Ms. Coffee has her own practice specializing in residential design. Previously, she worked with Pamela Burton & Company, OLIN, and Marmol Radziner & Associates. She is vice chair of the UCLA Landscape Architecture Program Instructor Committee, and Secretary of the Association for Women Architects and Designers (AWA+D).

**Jim Pickel**, BS, (CA 4385), ASLA, past principal of MIG, Inc. (retired) who is a licensed landscape architect in California and Texas with 37 years' experience. He currently serves on the executive board of the California Council of the American Society of Landscape Architects.

**ARCH X 493.883****Rhinoceros 5**

3.0 units

This course explores new methods to conceive, create, and represent landscape through the 3D modeling software Rhinoceros 5. Investigations during the course will commence with visions of landscape surfaces and their manipulation. Further exploration will cover objects, buildings, structures, follies, and architecture that inhabit this landscape. Throughout these studies, students will revisit and reconceive the relations between their landscape strategies, the things that inhabit them, and how to represent them.

**Reg# 368404****Fee: \$695***No refund after 5 July.*❖ **Classroom**

6 mtgs

Saturday, 10am-2pm, June 29-Sept. 7

UCLA Extension DTLA: 261 S. Figueroa St.

*Class meets every other Saturday.*

*Laptop course. Students are required to bring their personal laptops with Rhino 5 software installed to each and every class. Instructor does not help students install or download software.* 🌐

**Evan Bliss**, an emerging practitioner in Los Angeles who has worked for the award-winning offices of Lehrer Architects, XTEN Architecture, and Clive Wilkinson Architects on projects locally and internationally. Evan serves on the Board of the Directors for the nonprofit LA Forum for Architecture & Urban Design.

## 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 offer discounts on select courses for NEW program students who attend this open house.

**Reg# 368165****Free Program Information Session/ Open House.***No refund after 4 Aug.*❖ **Classroom**

1 mtg

Saturday, 1-2:30pm, Aug. 3

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*Program starts promptly at 12:30pm.*

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

**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.

**Reg# 368169****Fee: \$625***No refund after 6 July.*❖ **Classroom**

9 mtgs

Sunday, 12-5pm, June 30

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*Field trips*

Sunday, 12:30-3:30pm, July 7, 21 &amp; 28;

Aug. 11-25

Sunday, 9:30am-1:30pm, Aug. 4

Sunday, 12-5pm, Sept. 8

*Core course in Horticulture Certificate.**Visitors not permitted.* 🌐

**Joshua H 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.

**Jessica Gramcko**

## Course Icons Provide Information At-a-Glance

**ONLINE COURSE**

Technical requirements, page 5

**HYBRID COURSE**, page 5**WEB-ENHANCED COURSE**, page 5**ON-GROUND COURSE****TEXTBOOK REQUIRED**

Visit our website for textbook information.

**UC CREDIT**

May be transferable to other colleges and universities, page 6