

# Landscape Architecture Quarterly Curriculum Sequence

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

## Year 2

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

## Year 3

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

## Horticulture & Gardening Courses

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

Horticulture & Gardening courses begin on page 145.

Free Information Session!

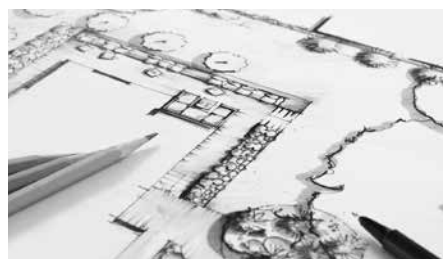
## Landscape Architecture

Sat, May 12, 9:30–11:30am, 1010 Westwood Center

*UCLA Extension's Landscape Architecture Certificate is approved to meet the education requirement for licensure in California.*

### Highlights include:

- Presentation of the curriculum
- Discussion of career opportunities
- Question-and-answer period
- Talk with instructors, alumni, and current students
- A drawing to win a free course
- 15% off selected courses for new students



RSVP by email or phone:

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

## Course Icons Provide Information At-a-Glance

- ONLINE COURSE  
Technical requirements, page 4
- HYBRID COURSE, page 4
- WEB-ENHANCED COURSE, page 4
- ON-GROUND COURSE
- TEXTBOOK REQUIRED  
Visit our website for textbook information.
- UC CREDIT  
May be transferable to other colleges and universities, page 5



## Introduction to SketchUp

### Laptop

This course focuses on the fundamentals of SketchUp software. It's perfect for students with little or no SketchUp or 3D modeling experience. Students must bring their own laptop to each class.

- Workshop focused on landscape applications
- Site model drafting and techniques
- Layers
- File and modeling preferences
- Exporting scenes to other usable formats

Check course description online for computer and software requirements.

Page 19.

Above: Elizabeth Miller Weinstein

### For More Information

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

### ARCH X 471.1B

#### Landscape Design 2: Site Design

4.0 units

This course introduces the landscape architectural design process. Emphasizing process and concept development, students identify a problem and then use site inventory, analysis, program development, and exploration to test solutions. Projects are small-scale sites, preferably actual, and visitable, such as intimate courtyards, street plazas, and pocket parks, and/or physically built (i.e., limited use of computer drafting, rendering, and 3D modeling).

*Prerequisite(s):* X 471.1A Landscape Design 1 and X 472.4E Design Graphics 2. Candidacy in the Landscape Architecture Program.

**Reg# 359810**

**Fee: \$925**

#### ❖ Classroom

11 mtgs  
Wednesday, 7-10pm, Apr. 4-June 13  
UCLA Extension DTLA: 261 S. Figueroa St.

*One weekend field trip to be arranged.*

*Visitors not permitted. No refund after Apr. 10.* 🌐

**Jim Smith**, MArch, UCLA; AIA, architect (CA 14453); chief of the Development Division, Planning and Development Agency for the Los Angeles County Department of Parks and Recreation. Mr. Smith has a BA in Cultural Geography from CSUN and an MA in Architecture from UCLA. He is a licensed architect in California.

### ARCH X 472.4F

#### Design Graphics 3: Digital Rendering and Presentation Drawings

4.0 units

This third course in the Design Graphics Sequence takes the same site plan and designs and renders them with digital media. Advanced and additional details will fill out the sequence with a full graphic package that will encompass digital renderings, sections, and elevations.

*Prerequisite(s):* X 472.4E Design Graphics 2 and X 471.1A Landscape Design 1. Candidacy in the Landscape Architecture Program.

**Reg# 359812**

**Fee: \$1,050**

#### ❖ Classroom

10 mtgs  
Monday, 6:30-10pm, Apr. 2-June 11  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

*No meeting May 28.*

*Software requirements: The most recent version of Adobe Creative Cloud (CC).*

*Visitors not permitted. No refund after Apr. 8.* 🌐 📖

**Sheldon Nemoy**, alumnus of the office of Charles Eames and honorary member of the Eames Foundation. Mr. Nemoy has worked extensively for major domestic and international clients, and is also an author and seminar speaker.



## Rhinoceros 5

Sat., Apr. 7–May 12, 9am–1pm, UCLA Extension 1010 Westwood

This course explores new methods to conceive, create, and represent landscape through the 3D modeling software Rhinoceros 5. The main goal of this course is for the students to develop a solid knowledge of the medium of 3D modeling in the context of landscape representation—specifically in their conception, design, and production. Emphasis will be placed on the ability to translate notions of landscape design into a 3D, multi-dimensional project through the software Rhinoceros 5.

Page 19.

### For More Information

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

### 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, and 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# 359818**

**Fee: \$1,155**

#### ❖ Classroom

12 mtgs  
Thursday, 6-10pm, Apr. 5-June 14  
UCLA Extension 1010 Westwood:  
1010 Westwood Blvd.

#### Field Trip

Sunday, 9am-1pm, Apr. 8

*No refund after Apr. 11.* 🌐

**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# 359820**

**Fee: \$1,050**

#### ❖ Classroom

11 mtgs  
Wednesday, 6:45-10pm, Apr. 4-June 13  
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. Visitors not permitted. This course does not support AutoCAD on Mac computers. Visitors not permitted. No refund after Apr. 10.* 🌐

**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 493.6

**AutoCAD 2**

4.0 units 3.3 CEUs

This intermediate course covers the basics of managing axial images' relationships, creating and editing 3D drawings, file sharing and external references, and file management for construction drawings. Students learn about setting up files, drawing formats, and creating objects to increase the usability of their drawings for both themselves and others. Instruction emphasizes the student's ability to create and edit drawing files similar to those encountered in a planning or design office, such as land use plans, topographic site surveys, and sets of multidisciplinary construction drawings. This course does not support AutoCAD on the Mac.

*Prerequisite(s):* X 493.5 AutoCAD for Landscape Architects or X 493.992 AutoCAD 1, and X 472.4D Design Graphics I.

**Reg# 359816****Fee: \$1,050**❖ *Classroom*

10 mtgs

Monday, 6:30-10pm, Apr. 2-June 11

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*No meeting May 28.*

*Landscape Architecture certificate students must take this course for credit - Letter Grade; other students may choose either unit credit or 3.3 continuing education units. Students must have their own copy of AutoCAD; student versions of the software may be downloaded for free upon proof of student status.*

*Attendance at the first class is mandatory. This course does not support AutoCAD on the Mac. Enrollment limited. Visitors not permitted. No refund after Apr. 8.* 🌐

**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 472.5

**Landscape Design 5: Planting Design**

4.0 units

In this course, plants and plant groups are studied as basic design elements in the landscape. Instruction emphasizes the arrangement of plant materials for defining, sequencing, and articulating space. Ecological and cultural contexts are examined as determinants for sharply focused design concepts.

*Prerequisite(s):* X 472.9 Landscape Design 4: Site Analysis and two courses from the Plant Materials series (X 472.8A-B).

**Reg# 359813****Fee: \$925**❖ *Classroom*

10 mtgs

Wednesday, 6:45-10pm, Apr. 11-June 13

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*One weekend meeting to be arranged.**Visitors not permitted. No refund after Apr. 17.* 🌐

**Stephen Davis**, ASLA, (CA1960) landscape architect since 1980. As a principle of The Oak Collaborative, Mr. Davis specialized in parks and habitat restoration. At the City of Los Angeles, he managed the Landscape Design Group of the Architectural Division of the Bureau of Engineering. Mr. Davis serves on the Board of Directors of the Conejo Valley Botanic Garden.

ARCH X 472.8

**Landscape Design 7: Advanced Design Studio**

5.0 units

The Advanced Design Studio is a rehearsal for the rigors of the Capstone Project. The student explores a big idea and creates a program responding to a site (site chosen by instructor). Using the design process and site analysis, the student refines a program, selects goals and objectives, and prepares a design solution and documentation booklet. This course is a required prerequisite to the Capstone Proposal and Capstone Project.

*Prerequisite(s):* ARCH X 472.19 Landscape Design 6 and ARCH X 472.23 Human Factors

**Reg# 359814****Fee: \$1,155**❖ *Classroom*

11 mtgs

Saturday, 9am-1pm, Apr. 7

Field Trip

Wednesday, 6-10pm, Apr. 11-June 13

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*One weekend site visit to be arranged.**Visitors not permitted. No refund after Apr. 10.* 🌐

**Patrick Reynolds**, landscape architect (CA 4440), landscape contractor, certified irrigation designer and auditor, and CEQA and NEPA Certified. His 35 years' experience ranges from design, park master planning; land acquisitions; trails design and construction. Mr. Reynolds is currently the Parks Division manager for Culver City.

ARCH X 472.15C

**Capstone Project Seminar**

3.0 units

The Capstone Project Seminar is the first of the final two courses in the UCLA Extension Landscape Architecture Program. Based upon the preliminary work completed during this quarter, the student will explore a big idea, explore appropriate sites and site analysis, and begin the iterative process of developing a program, goals and objectives, a schedule, and a written proposal. This course is a required prerequisite to the Capstone Project Studio.

*Prerequisite(s):* Completion of all previous courses in the program sequence with a C+ or better.

**Reg# 359811****Fee: \$735**❖ *Classroom*

11 mtgs

Thursday, 7-9pm, Apr. 5, 12; &amp; 26;

May 3, 17 &amp; 24; June 7 &amp; 14

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

Thursday, 7-10pm, Apr. 19; May 10 &amp; 31

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*Visitors not permitted. No refund after Apr. 11.* 🌐

**Meg Rushing Coffee**, landscape architect (CA 4747). Before starting her practice in 2013, she worked with Pamela Burton & Company, OLIN, and Marmol Radziner & Associates. She is currently vice chair, Instructor Committee, UCLA Landscape Architecture Program, and chairperson, Programs Committee, Association of Women Architects and Designers (AWA+D).

**Raymond Senes**, who has practiced for 26 years across the United States and internationally. He teaches landscape architecture at Cal Poly Pomona, MiraCosta College and UCLA Extension. Ray is a member of the American Society of Landscape Architects; receiving an honor award for his work in 1993.

# UCLA Extension Specializations



Gain focused studies concentrated on in-demand skills sought by employers.

With UCLA Extension Specializations, you can:

- Acquire specific, targeted skills in a focused area of study
- Network with instructors and students
- Complete them in one year

Over 30+ specializations offered, including:

- Business for Interior Design
- Digital Design Suite for Architects & Interior Designers m
- History of Environmental Arts
- Entertainment Project Management
- Writing and Directing Short Films
- And many more

Learn more at [uclaextension.edu](http://uclaextension.edu)**NEW**

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 these 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# 360294****Fee: \$795**❖ *Classroom*

6 mtgs

Saturday, 9am-1pm, Apr. 7-May 12

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

*Course taught in a computer lab. Rhino 5 software will be provided to students via desk-top streaming software Apporto.*

*No refund after Apr. 6.* 🌐 📖

**Matthew Conway**, Digital Design consultant with Gehry Technologies. He graduated from Harvard's Graduate School of Design with an MArch I and with high distinction from the University of Nebraska Lincoln with minors in Japanese, Mathematics, and Art. Matthew is also cofounder of HomeMakeLabs.

ARCH X 493.773

**Introduction to SketchUp for Landscape Architects**

3.0 units

This course is intended for students and practitioners of landscape architecture with little or no 3D drawing or SketchUp experience, who want to learn to create 3D models using SketchUp beginning with basics through 3D modeling. Students learn the various ways SketchUp can be used to design, analyze, and present information and projects.

**Reg# 359817****Fee: \$695**❖ *Classroom*

4 mtgs

Saturday, 9am-4pm, Apr. 7-28

UCLA Extension Woodland Hills:

21650 Oxnard Street

*Laptop required in class with SketchUp Pro student software installed.*

*<http://www.sketchup.com/3Dfor/education-students> Visitors not permitted. No refund after Apr. 6.* 🌐 📖

**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.

🌐 ONLINE COURSE, page 4.

🌐 HYBRID COURSE, page 4.

🌐 WEB-ENHANCED COURSE, page 4.

❖ ON-GROUND COURSE, page 4.

📖 TEXTBOOK REQUIRED

🏠 UC CREDIT, page 5.