

LANDSCAPE

ARCHITECTURE

& HORTICULTURE

118 LANDSCAPE ARCHITECTURE

121 HORTICULTURE & GARDENING

For more information call (310) 825-9414.

WHAT OUR STUDENTS SAY

“This horticulture program has granted me the opportunity to acquire the skills and knowledge necessary to further my education and follow my passion of growing food. Because of this program I have my dream job!”

— **Wendi Dunn**, Horticulture Certificate Student

Landscape Architecture

For more information call (310) 825-9414 or email 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 Information Session

Alumni, current students, and program instructors are on hand at this free information sessions 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 discusses 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 are raffling off a free class and offering discounts on select courses for new students who attend the open house.

Reg# 373120

A Free Event

No refund after 25 Apr.

❖ Classroom

1 mtg

Saturday, 9:30-11:30am, May 2
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# 373124

Fee: \$925

No refund after 8 Apr.

❖ Classroom

11 mtgs

Thursday, 6:30-9:30pm, Apr. 2-30;

May 14-June 11

UCLA Extension Woodland Hills:

21650 Oxnard Street

Field Trip

Saturday, 10am-1pm, Apr. 25

Visitors not permitted. 📖 🌐

Lacey Withers, ASLA, CA RLA #3820, landscape architect/principal, Withers & Sandgren, Ltd.

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): ARCH X 471.1A Landscape Design 1 and ARCH X 472.4E Design Graphics 2. Candidacy in the Landscape Architecture Program.

Reg# 373122

Fee: \$925

No refund after 7 Apr.

❖ Classroom

11 mtgs

Tuesday, 7-10pm, Mar. 31-June 9

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

Visitors not permitted. 🌐

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 fill out the sequence with a full graphic package that encompasses digital renderings, sections, and elevations.

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

Reg# 373127

Fee: \$1,050

No refund after 5 Apr.

❖ Classroom

10 mtgs

Monday, 6:30-10pm, Mar. 30-June 8

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

No meeting on May 25.

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

Visitors not permitted. 🌐 📖

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.

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 is defined by the instructor. Presentation graphics are both hand-drawn and/or physically built. Students also use computer modeling, rendering, 3D modeling, InDesign, Sketchup, and Photoshop. Final presentation products utilize hand graphics with blended use of CAD and 3D modeling as background support only.

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

Reg# 373123

Fee: \$1,155

No refund after 8 Apr.

❖ Classroom

12 mtgs

Thursday, 6-10pm, Apr. 2-June 11

UCLA Extension 1010 Westwood:

1010 Westwood Blvd.

Field Trip

Sunday, 9am-1pm, Apr. 5 🌐

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# 373132

Fee: \$1,050

No refund after 7 Apr.

❖ Classroom

11 mtgs

Wednesday, 6:30-9:30pm, Apr. 1-June 10

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. 📖 🌐

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.

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

Year 2

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

Year 3







Fall	Winter	Spring	Summer
Landscape Construction Methods & Materials (4 units) Construction Drawing 1 (4 units) Professional Practices in Landscape Architecture (2 units)	Construction Drawing 2 (4 units) Human Factors in Landscape Architecture (4 units)	Landscape Design 7: Advanced Design Studio (5 units) Capstone Project Seminar (3 units)	Capstone Project Studio (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

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**, page 5.
-  **TEXTBOOK REQUIRED**
Visit our website for textbook information.
-  **UC CREDIT**
May be transferable to other colleges and universities, page 6.

Free Information Session!

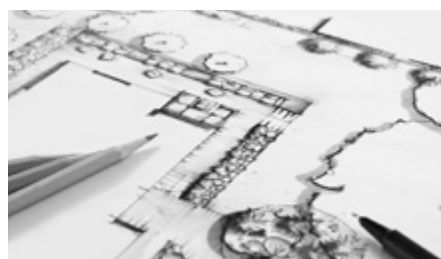
Landscape Architecture

Saturday, May 2, 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 | (310) 825-9414

Landscape Architecture Electives

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

Horticulture & Gardening courses begin on page 121.



Introduction to SketchUp

Laptop

This course focuses on the fundamentals of the SketchUp software. 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
- Creating layers
- File and modeling preferences
- Exporting scenes to other usable formats

Check course description online for computer and software requirements.

Page 120.

Above: Elizabeth Miller Weinstein.

For More Information

(310) 825-9414 | uclaextension.edu

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

Reg# 373128
Fee: \$925
No refund after 7 Apr.

- ❖ **Classroom**
11 mtgs
Wednesday, 6:45-10pm, Apr. 1-June 10
UCLA Extension Lindbrook Center:
10920 Lindbrook Dr.

Visitors not permitted. 🌐

Stephen Davis, ASLA, (CA 1960), as a principal 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 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): ARCH X 493.5 AutoCAD for Landscape Architects or ARCH X 493.992 AutoCAD 1, and ARCH X 472.4D Design Graphics I.

Reg# 373131
Fee: \$1,050
No refund after 5 Apr.

- ❖ **Classroom**
10 mtgs
Monday, 6:30-10pm, Mar. 30-June 8
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.

No meeting May 25.

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. 🌐

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 472.8 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# 373130
Fee: \$1,155
No refund after 7 Apr.

- ❖ **Classroom**
11 mtgs
Wednesday, 6-10pm, Apr. 1-June 10
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.

One weekend site visit to be arranged. Visitors not permitted. 🌐

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 explores a big idea, appropriate sites, and site analysis and begins 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# 373126
Fee: \$735
No refund after 5 Apr.

- ❖ **Classroom**
11 mtgs
Monday, 7-9pm, Mar. 30-Apr. 6; Apr. 20-27;
May 11-June 8
Monday, 7-10pm, Apr. 13; May 4
Saturday, 9am-12pm, May 30
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.

No meeting May 25. Visitors not permitted. 🌐 📖

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 495.33 Green Roofs and Green Walls in Southern California

2.0 units
Green roofs consist of multiple components, including waterproofing, insulation, filtration, drainage, root barrier, planting medium, plant materials, and irrigation that need to be carefully designed, engineered, planned, installed, and maintained to maximize benefits and ensure longevity. Once green roofs have been successfully installed, implementing a maintenance program is critical during the establishment period and throughout the lifetime of the green roof. This course addresses all these topics with specific reference to the Southern California climate.

Reg# 373133
Fee: \$535
No refund after 17 Apr.

- ❖ **Classroom**
6 mtgs
Thursday, 7-10pm, Apr. 16; Apr. 30-May 21
UCLA: Geology
Field Trip
Saturday, 9am-12pm, Apr. 25

Elective course in the Landscape Architecture and Horticulture & Gardening Programs. Visitors not permitted. Course 🌐

Amy Norquist, Amy spent 25 years in environmental research, science, and education prior to founding Greensulate, a green infrastructure company. Norquist is on Faculty at NYU's Schack School of Real Estate and in 2015 brought green roofs to the University of Miami's School of Architecture.

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# 373088
Fee: \$695
No refund after 24 Apr.

- ❖ **Classroom**
4 mtgs
Saturday, 9am-4pm, Apr. 25-May 16
UCLA Extension Gayley Center:
1145 Gayley Ave.

Laptop required in class with SketchUP Pro student software installed.

<http://www.sketchup.com/3Dfor/education-students>
Visitors not permitted. 🌐 📖

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 5.

📖 HYBRID COURSE, page 5.

🌐 WEB-ENHANCED COURSE, page 5.

❖ ON-GROUND COURSE, page 5.

📖 TEXTBOOK REQUIRED

🏠 UC CREDIT, page 6.