

LANDSCAPE ARCHITECTURE & HORTICULTURE

111 LANDSCAPE ARCHITECTURE

114 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 X 471.1A

Landscape Design 1: Site Design Basics

4.0 units

This course explores basic design elements, principles, and issues relevant to landscape architecture. Projects emphasize abstract 3D space and form; the basics of site design: conceptual design, imagery, and symbolism; and basic issues of proportion, scale, and composition.

Prerequisite(s): ARCH X 472 Introduction to the Landscape Design Professions and ARCH X 472.4D Design Graphics I: Drafting and Drawing of the Built Environment.

Reg# 377666

Fee: \$925

No refund after 11 Jan.

❖ Remote Instruction

11 mtgs

Tuesday, 7-10pm, Jan. 5-Mar. 16 🌐 📖

Steven Chavez, founding principal of SCA-LARC. Steven founded SCA-LARC in 2009 after working for Gustafson Guthrie Nichol of Seattle. He received his Bachelor of Landscape Architecture from the University of Washington. Mr. Chavez's core interest is designing high-use public and civic spaces.



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.

- 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 113.

Above: Elizabeth Miller Weinstein.

For More Information

(310) 825-9414 | uclaextension.edu

ARCH X 472.4E

Design Graphics 2: Communication for Site Analysis, Conceptual and Site Design

4.0 units

Students build upon drafting, lettering, and drawing techniques learned in Design Graphics 1. As the second class in the series, it also concentrates on the graphic conventions for site analysis, conceptual design, design process and measured plan, perspective, and section elevations as they relate to the field of landscape architecture and professional standards. All work product is developed from the Tongva Park site used in Design Graphics 1, located in Santa Monica. At the end of this course, students make an oral presentation to the instructor and visiting guests. The students present a package of work product that includes hand drafting and colored rendering of a conceptual site plan; section/elevations and perspective vignettes; and graphic package of progress drawings, including site analysis graphics, design concept studies, and a final design concept with supporting design elements.

Prerequisite(s): ARCH X 472 Introduction to the Landscape Design Professions and ARCH X 472.4D Design Graphics 1.

Reg# 377670

Fee: \$925

No refund after 13 Jan.

❖ Remote Instruction

11 mtgs

Thursday, 7-10pm, Jan. 7-Mar. 18 🌐 📖

Rebecca Schwaner, MA, landscape and project designer at Studio-MLA. Her built work includes streetscapes, affordable housing environments, park and civic projects, and reclamation and restoration of habitat. In 2010 she was selected Outstanding Instructor of the year in Arts, Landscape Architecture Program.

🌐 ONLINE COURSE, page 5.

🌐 HYBRID COURSE, page 5.

🌐 WEB-ENHANCED COURSE, page 5.

❖ REMOTE INSTRUCTION, page 5.

📖 TEXTBOOK REQUIRED

🏠 UC CREDIT, page 6.

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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

Prepare for the LARE Exam

Studying for the LARE can be confusing and stressful, but UCLA Extension's highly regarded review program provides exceptional preparation for all areas of the exam.

LARE 1: Sat, Feb. 27, 8am–5pm

LARE 2: Sun, Feb. 28, 8am–5pm

LARE 3: Sun, Jan. 24, 8am–5pm

LARE 4: Fri & Sat, Jan. 22, 12–5pm
& Jan. 23, 8am–5pm

Courses begin on page 113.

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# 377667

Fee: \$925

No refund after 12 Jan.

❖ **Remote Instruction**

11 mtgs

Wednesday, 7–10pm, Jan. 6–Mar. 17

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# 377671

Fee: \$1,050

No refund after 10 Jan.

❖ **Remote Instruction**

10 mtgs

Monday, 6:30–10pm, Jan. 4–Mar. 15

Saturday, 9am–12:30pm, Feb. 20

No meetings Jan. 18; Feb. 15. 🌐 📺

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.

Landscape Architecture Electives

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

Horticulture & Gardening courses begin on page 114.

ARCH X 472.9

Landscape Design 4: Environmental Analysis and Planning

4.0 units

This course studies the methods and attitudes of environmental research and analysis utilized by landscape architects. Students investigate the natural, historical, and cultural factors that impact land-use suitability, design programming, and design development. Instruction emphasizes the application of these methods to both the natural and built environments.

Prerequisite(s): ARCH X 471.2 Landscape Design 3; ARCH X 472.12A Grading and Drainage.

Reg# 377673

Fee: \$925

No refund after 11 Jan.

❖ Remote Instruction

11 mtgs

Tuesday, 7-10pm, Jan. 5-Mar. 16

Visitors not permitted. 🌐 📖

Emily Gabel-Luddy, Served 10 years as Mayor/Council member for the City of Burbank following a 3-decade career for the LA City Planning. There, she established the award-winning Urban Design Studio and served as its first Director. She currently serves on the Los Angeles Neighborhood Initiative Board (LANI.org).

ARCH X 472.8B

Plant Identification: Shrubs

4.0 units

One of the two required plant material courses, focusing on plants, their communities, and their place in the landscape. Instruction focuses on plant materials that often influence the landscape architect's overall site composition. This course focuses on medium-scale materials, such as shrubs, vines, ground covers, and special-effects plants used to fulfill specific site requirements; companion plant groupings; and planting location as design elements. Students take Saturday and Sunday field trips (itinerary discussed at the first class) to urban landscapes, campuses, gardens, arboreta, and nurseries, meeting once (first class) at UCLA in a classroom setting. Students are responsible for their own transportation to remote lecture locations (carpooling is encouraged) and must bring a camera to all classes.

Reg# 377672

Fee: \$925

No refund after 22 Jan.

❖ Remote Instruction

9 mtgs

Saturday, 9am-1pm, Jan. 9-Mar. 20

No meetings Jan. 16; Feb. 13. 🌐 📖

Tom Rau, BA, architecture, UC Berkeley; MBA, USC; ASLA, landscape architect (CA 5681), who specializes in water-sensitive design of residential, commercial and public projects. Mr. Rau is currently a principal of Urban Water Group, Inc.

ARCH X 472.14C

Landscape Construction Drawing 2

4.0 units

This second construction drawing course completes the construction document package. Students prepare and incorporate electrical plans, planting plans, detail sheets, miscellaneous site furnishing schedules, specifications, and cost estimates.

Prerequisite(s): ARCH X 493.6 AutoCAD 2, ARCH X 472.14B Landscape Construction Drawing 1, and ARCH X 472.14A Landscape Construction Methods and Materials

Reg# 377668

Fee: \$925

No refund after 13 Jan.

❖ Remote Instruction

11 mtgs

Thursday, 7-10pm, Jan. 7-Mar. 18

Visitors not permitted. 🌐 📖

Perla Arquieta, who has worked with Galper/Baldon Associates, Laura Saltzman Associates, Artech Landscape Architects, KAA Design Group, and, most currently, The County of Los Angeles Parks and Recreation. Ms. Arquieta's body of work includes residential, institutional, commercial, and public projects. She is a member of ASLA.

ARCH X 472.23

Human Factors in Landscape Architecture

4.0 units

This course presents an introduction to current concepts and research on how people interact with their environments and how design shapes human behavior and perception. Topics include the cultural and social determinants of territoriality; personal space and life style as design generators; designing for community, privacy, and safety; perception and recognition of urban form; designing streets and plazas for pedestrian use; the sensory environment; and learning from and programming for clients.

Prerequisite(s): ARCH X 472.19 Design 6: Concept Development.

Reg# 377669

Fee: \$925

No refund after 11 Jan.

❖ Remote Instruction

11 mtgs

Tuesday, 7-10pm, Jan. 5-Mar. 16

Visitors not permitted. 🌐 📖

Eileen Alduenda, interim executive director of the Council for Watershed Health. She has an MLA from the University of Washington where she focused on urban ecological systems and completed research for Seattle Public Utilities on Natural Drainage Systems as an approach to Low Impact Development.

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# 377674

Fee: \$695

No refund after 22 Jan.

❖ Remote Instruction

4 mtgs

Saturday, 9am-4pm, Jan. 23-Feb. 13

Students must have SketchUP Pro student software installed on their computers prior to the first class meeting. 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.

ARCH X 494.65

Sketching and Plant Identification

3.0 units

Held at locations in and around the Southern California area, this course is an introduction to scientific sketching and plant identification. Students are introduced to plant taxonomy and terminology. The instructor establishes a plant pallet to be studied for each location. Above all, students develop a keen sense of awareness and observation.

CoVID 19 Update: This course will meet online via weekly zoom meetings. No assigned field trip locations. Students are required to do plant sketching and field observations on their own with the instructor's guidance

Reg# 378011

Fee: \$695

No refund after 13 Feb.

❖ Remote Instruction

4 mtgs

Sunday, 9am-12pm, Feb. 14-Mar. 7

Elective course in Landscape Architecture and Horticulture Certificates.

Refer to required course materials for specific equipment necessary. 🌐 📖

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.

*Free Information Session!***The Horticulture & Gardening Program**

February 6, 9:30-11am (Live Zoom Presentation)

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 enrolling in our certificate, courses, and specializations. Speakers include the program director, program instructor, and current and former students.

Course Discount

Each new program student who attends the Open House receives a 10% discount on the following courses:

BIOLOGY X 494 Introduction to Horticulture**BIOLOGY X 496.2 General Botany**To register, use Reg# 377893 at uclaextension.edu.horticulture@uclaextension.edu | (310) 825-9414

ARCH 747

LARE Section 1: An Intensive Review

Designed for students who are preparing to take the Landscape Architects Registration Exam (LARE) Section 1: Project and Construction Administration, this workshop covers the knowledge and skills associated with regulations, contracts, and construction administration processes.

Reg# 377662

Fee: \$337

No refund after 25 Feb.

❖ Remote Instruction

1 mtg

Saturday, 8am-5pm, Feb. 27

Advance enrollment required. 🌐 📖

Angela Woodward, BSLA, landscape architect (CA 2126) with over 30 years' experience practicing landscape architecture in California and Arizona, Ms. Woodward has specialized in municipality projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.

ARCH 748

LARE Section 2: An Intensive Review

Designed for students who are preparing to take the LARE Section 2: Inventory and Analysis, this workshop covers the knowledge and skills related to inventory, data gathering, analysis, programming, regional land use planning, site land use planning, and principles of design.

Reg# 377663

Fee: \$337

No refund after 26 Feb.

❖ Remote Instruction

1 mtg

Sunday, 8am-5pm, Feb. 28 🌐 📖

Angela Woodward, BSLA, landscape architect (CA 2126) with over 30 years' experience practicing landscape architecture in California and Arizona, Ms. Woodward has specialized in municipality projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.

ARCH 749

LARE Section 3: An Intensive Review

Designed for students preparing to take LARE Section 3: Design. This workshop covers the knowledge and skills required for site design from principles of design and initial programming through preliminary design stages. Revised exam includes analysis, details, and design materials.

Reg# 377664

Fee: \$337

No refund after 22 Jan.

❖ Classroom

1 mtg

Sunday, 8am-5pm, Jan. 24

Students are expected to have basic drafting supplies, trace paper, and a calculator.

Advance enrollment required. 🌐 📖

Angela Woodward, BSLA, landscape architect (CA 2126) with over 30 years' experience practicing landscape architecture in California and Arizona, Ms. Woodward has specialized in municipality projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.

ARCH 750

LARE Section 4: An Intensive Review

Designed for students preparing to take LARE Section 4: Grading, Draining, and Construction Documentation. This workshop covers the knowledge and skills for preparing plans, including demolition, grading, drainage, planting, and stormwater management. Also covers construction documentation and specifications.

Reg# 377665

Fee: \$588

No refund after 20 Jan.

❖ Remote Instruction

2 mtgs

Friday, 12-5pm, Jan. 22

Saturday, 8am-5pm, Jan. 23

Students are expected to have basic drafting supplies, trace paper, and a calculator during class meetings.

Advance enrollment required. 🌐 📖

Angela Woodward, BSLA, landscape architect (CA 2126) with over 30 years' experience practicing landscape architecture in California and Arizona, Ms. Woodward has specialized in municipality projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.