Landscape Architecture

For more information call (310) 825-9414 or email landscapearchetecture@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 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# 363061
Fee: $925
❖ Classroom
12 mtgs:
Wednesday, 7-10pm, Sept. 26-Nov. 14; Nov. 28-Dec. 5
UCLA Extension DTLA: 261 S. Figueroa St.
Saturday, 9am-12pm, Nov. 3 & 17
UCLA Extension DTLA: 261 S. Figueroa St.
Visitors not permitted. No refund after Oct. 2.  ❖
Steve Lang, managing principal of the Southern California office of Moore Bocanegra Saltman & Guthman (MBSG) 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. Raymond Sones, 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. He is a member of the American Society of Landscape Architects; receiving an Honor award for his work in 1993.

Reg# 363488
Fee: $925
❖ Classroom
10 mtgs:
Thursday, 6:30-9:30pm, Sept. 27-Dec. 6
UCLA Extension Woodland Hills: 21650 Oakland Street
No meeting Nov. 22. One Saturday class meeting to be arranged.
Visitors not permitted. No refund after Oct. 2.  ❖
Lacey Withers, ASLA, CA RLA #3920, landscape architect/principal, Withers & Sandgren, Ltd.

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# 363065
 Fee: $925
❖ Classroom
11 mtgs:
Monday, 6:30-9:30pm, Sept. 24-Nov. 5
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Sunday, 9am-4pm, Nov. 11
Field trip:
Tuesday, 6:30-9:30pm, Nov. 13
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Sunday, 10am-4pm, Nov. 18
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Saturday, 9am-5pm, Dec. 8
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Dec. 8 meeting will be 15-minute appointment per student. Visitors not permitted. No refund after Sept. 30.  ❖
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 Bazo, ASLA, 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 471.1A 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.

Reg# 363060
Fee: $925
❖ Classroom
11 mtgs:
Thursday, 7-10pm, Sept. 27-Dec. 6
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Saturday, 2-5pm, Nov. 17
No meeting Nov. 22. Visitors not permitted. No refund after Oct. 3.  ❖
Steven Chavez, founding principal of SCA-LARC (Steven Chavez Associates—Landscape Architecture). 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.

Reg# 363121
Fee: $925
❖ Classroom
10 mtgs:
Saturday, 9am-12:30pm, Sept. 29-Dec. 8
UCLA Extension Woodland Hills: 21650 Oakland Street
No meeting Nov. 24. Visitors not permitted. No refund after Oct. 5.  ❖
Craig Raines, landscape architect offering over 33 years’ experience in Landscape Architecture. Craig is currently employed with the City of Los Angeles Department of Recreation and Parks Advanced Planning Group as a Landscape Architect. Craig earned his BLA from the University of Idaho in 1985. Craig is licensed #4082 in the state of California.

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., Nov. 10, 9am-5pm
LARE 2: Sun., Nov. 11, 9am-5pm
LARE 3: Sun., Nov. 4, 9am-5pm
LARE 4: Fri, Nov. 2, 1-7pm & Sat., Nov 3, 9am-5pm
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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

<table>
<thead>
<tr>
<th>Summer/Fall</th>
<th>Fall/Winter</th>
<th>Winter/Spring</th>
<th>Spring/Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to the Landscape Design Professions (4 units)</td>
<td>Landscape Design 1: Site Design Basics (4 units)</td>
<td>Landscape Design 2: Site Design (4 units)</td>
<td>Landscape Design 3: Advanced Site Design (5 units)</td>
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<tr>
<td></td>
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<td></td>
<td>History of the Designed Landscape (4 units)</td>
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<tr>
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<td>Only Offered Summer Quarter</td>
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Year 2

<table>
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<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grading &amp; Drainage (4 units)</td>
<td>Landscape Design 4: Sustainable Design/Environmental Analysis and Planning (4 units)</td>
<td>Landscape Design 5: Planting Design (4 units)</td>
<td>Landscape Design 6: Concept Development (4 units)</td>
</tr>
<tr>
<td>Plant Materials: Trees (4 units)</td>
<td>Plant Materials: Shrubs (4 units)</td>
<td>AutoCAD 2 (4 units)</td>
<td>Irrigation/Water Conservation (4 units)</td>
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</tbody>
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Year 3

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

- 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

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. 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; graphic package of progress drawings including site analysis graphics, design concept studies, and a final design concept with supporting design elements.
Prerequisite(s): X 471.1B, X 472.12A, X 472.23A, X 472.34A, X 472.4D, X 472.4E

Reg# 363086
Fee: $925
 ❖ Classroom
 11 mtgs
Tuesday, 7-10pm, Sept. 25-Dec. 4
UCLA Extension 1010 Westwood: 1010 Westwood Blvd.
Visitors not permitted. No refund after Oct. 1. ⚠

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.

ARCH X 472.12A
Grading and Drainage
4.0 units
This course covers the basic grading and drainage techniques used in every landscape architecture project. Students learn the skills necessary to grade a site of moderate complexity while considering public health, safety, and welfare. Instruction covers contour signatures and contour manipulation by cutting and/or filling; and stormwater management techniques including low-impact design, bioswales, and detention and retention areas. Basic grading formulas and cut and fill calculations are presented. The course also introduces landform grading and erosion control together with road and path layout, and alignment for pedestrian and vehicular circulation.
Prerequisite(s): X 472.4D Design Graphics I, X 471.1B Landscape Design II, X 493.992 Introduction to AutoCAD, or equivalent as determined by the program office.
Reg# 363082
Fee: $925
❖ Classroom
11 mtgs
Tuesday, 6:45-10pm, Sept. 25-Dec. 4
UCLA Extension DTLA: 261 S. Figueroa St.

Jeff Chamlee, BLA, landscape architect (CA 1736); director of productions for Architect Design Group. With more than 35 years’ experience in a diverse array of commercial, public, and private 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 472.8A
Plant Identification: Trees
4.0 units
One of the two required plant material courses, focusing on plants, their communities, and place in the landscape. Instruction focuses on large-scale materials that often influence the landscape architect’s overall site composition. This course concentrates on trees, shrubs and companion plant groupings, and planting location as design elements. Participants study plant texture, density, form, color, and other characteristics as articulators of space. Attention is given to cultural, taxonomical, and landscape maintenance idiosyncrasies. Each class meeting is either classroom/outdoors on campus or a fieldtrip. Students must bring a camera to all classes.

For More Information
(310) 825-9414 | landarch.uclaextension.edu
ARCH X 472.14A
Landscape Construction Methods and Materials
4.0 units
This course investigates the various materials used in building landscapes (masonry, concrete, wood, metal, water, and lighting). The course studies and evaluates their physical properties, characteristics, and applications in terms of function and aesthetics. Students demonstrate knowledge and proper use of these materials in detailed exercises and drawings.
Prerequisite(s): X 472.19 Design VI: Concept Development, X 493.6 AutoCAD 2, and X 472.12B Irrigation Practices.
Reg# 363063
 Fee: $925
 Classroom
 6 mtgs
 Tuesday, 7-10pm, Oct. 9-Dec. 4
 UCLA Extension 1010 Westwood:
 1010 Westwood Blvd.

ARCH X 496.2
Beginning Stormwater Management
2.0 units
This 6-week elective course in the Landscape Architecture certificate program showcases unique design solutions and describes the methods and calculations used to design stormwater BMPs for a site to appropriately accommodate seasonal stormwater within the Southern California region. This course will cover the California and City of Los Angeles regulatory requirements for stormwater and provide an overview of stormwater plan design hydrologic/hydraulic concepts, environmental site design, and non-proprietary stormwater BMPs, including critical design elements and typical stormwater plan compliance strategies.
Reg# 363430
 Fee: $535
 Classroom
 6 mtgs
 Wednesday, 7-10pm, Sept. 26-Dec. 5
 UCLA Extension 1010 Westwood:
 1010 Westwood Blvd.
 Must be taken concurrently or after X 472.14A Landscape Construction Methods and Materials.

For More Information or Detailed Course Descriptions
mmcdonald@uclaextension.edu | (310) 825-9414 | landarch.uclaextension.edu

For More Information
landarch.uclaextension.edu | (310) 825-9414
landscapearchitecture@uclaextension.edu

ONLINE COURSE, page 4.
HYBRID COURSE, page 4.
WEB-ENHANCED COURSE, page 4.
ON-GROUND COURSE, page 4.
TEXTBOOK REQUIRED
UC CREDIT, page 5.
Introduction to SketchUp

This course focuses on the fundamentals of the SketchUp software. Perfect for students with little or no SketchUp or 3D modeling experience. Two sections offered this quarter one in Westwood and one in Woodland Hills. 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.

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For More Information
(310) 825-9414 | uclaextension.edu

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# 363070
Fee: $695
❖ Classroom
4 mts
Saturday, 9am-5pm, Oct. 6-27
UCLA Extension Woodland Hills:
21650 Oxnard Street
Students must bring their own laptop to every class with SketchUp Pro student software installed.
(Purchase student license here: www.sketchup.com/3Dfor/education-students.)
Visitors not permitted. No refund after Oct. 5.
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 747
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# 363058
Fee: $337
❖ Classroom
1 mtg
Sunday, 9am-5pm, Nov. 4
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.
Students are expected to bring basic drafting supplies, trace paper, and a calculator to class for this course.
Advance enrollment required; no enrollment at the door. Enrollment deadline: Oct. 31. No refund after Oct. 31.
Angela Woodward, BSLA, landscape architect (CA 2126) with 30 over years’ experience practicing landscape architecture in California and Arizona. Ms. Woodward has specialized in municipal 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: Construction Documentation. This workshop covers the knowledge of plans, including 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# 363059
Fee: $588
❖ Classroom
2 mts
Friday, 1-7pm, Nov. 3
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.
Saturday, 9am-5pm, Nov. 3
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.
Students are expected to bring basic drafting supplies, trace paper, and a calculator to class. LARE 4 study materials will be provided in class.
Advance enrollment required; no enrollment at the door. Enrollment deadline: Oct. 31. No refund after Oct. 31.
Angela Woodward, BSLA, landscape architect (CA 2126) with 30 over years’ experience practicing landscape architecture in California and Arizona. Ms. Woodward has specialized in municipal projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.

Arch X 493.33
Fundamentals of Exterior Lighting
2.0 units
Understanding how the eye functions as light levels change is critical to successful lighting design. In this course, students learn the unique lighting design skills of manipulating the eye through dark and light spaces and creating safe night spaces and compositions. The course highlights basic light concepts, such as the lighting vocabulary; how the eye and brain function to provide vision: how we see light and how it affects what we “see”; and how to quantity color for lighting design. The course covers various exterior lighting applications for roadways, sports lighting, retail/commercial, structures, parking lots, building exteriors, landscapes and residential design. Instruction also covers the process of lighting design and its concepts, such as designing with respect to the dark sky; and addressing safety and security.
Reg# 363088
Fee: $535
❖ Classroom
4 mts
Saturday, 9:30am-4:30pm, Nov. 10
UCLA Extension Lindbrook Center:
10104 Lindbrook Dr.
Saturday, 12-4pm, Dec. 1
UCLA Extension Gayley Center:
1145 Gayley Ave.
Saturday, 5-7pm, Dec. 1
Field trip
Saturday, 9:30am-4:30pm, Dec. 8
UCLA Extension Lindbrook Center:
10104 Lindbrook Dr.
Elective course in Landscape Architecture and Horticulture Certificates
No refund after Nov. 16.
Yvonne English, registered landscape architect (CA5484), licensed landscape contractor, and LEED AP who is the founding principal of Legends Design Studio, Inc. Her 18 years in multiple landscape design and construction roles grant her hands-on experience in all facets of landscape conception. She has designed and installed lighting systems for the past 15 years.

Reg# 363057
Fee: $337
❖ Classroom
1 mtg
Sunday, 9am-5pm, Nov. 11
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.
Advance enrollment required; no enrollment at the door. Enrollment deadline: Nov. 7. No refund after Nov. 7.
LARE 2 study materials will be provided in class.
Angela Woodward, BSLA, landscape architect (CA 2126) with 30 over years’ experience practicing landscape architecture in California and Arizona. Ms. Woodward has specialized in municipal projects and infrastructure projects. Served as past president of the American Society of Landscape Architecture (ASLA), Southern California Chapter.

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