# 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

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

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

## Year 3

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

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**Horticulture & Gardening Courses**

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

Horticulture & Gardening courses begin on page 145.

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**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 | (310) 825-9414

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**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**
  page 4
- **TEXTBOOK REQUIRED**
  Visit our website for textbook information.
- **UC CREDIT**
  May be transferable to other colleges and universities, page 5
UCLA. He is a licensed architect in California.

Mr. Smith has a BA in Cultural Development Agency for the Los Angeles County Department.

Visitors not permitted. No refund after Apr. 10.

One weekend field trip to be arranged.

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

ARCh X 471.1B Landscape Design 2: Site Design 4.0 units

This course introduces 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 large-scale sites, preferably actual, and visitable, such as intimate courtyards, street plazas, and pocket parks, and provide physical and digital. (limited use of computer drafting, rendering, and 3D modeling).

Prerequisite(s): X 471.1A Landscape Design 1 and X 472.4F 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 CSU and an MA in Architecture from UCLA. He is a licensed architect in California.

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 redevelopments, 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 Bowers 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 Architecture or X 493.992 AutoCAD 1, and X 472.4D Design Graphics I.
Reg# 35816
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 472.8
Landscape Design 7: Advanced Design Studio
5.0 units
The Advanced Design Studio is a rehearsal for the rigor 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# 35818
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# 35811
Fee: $735
❖ Classroom
11 mtgs
Thursday, 7-9pm, Apr. 5, 12; & 26;
May 3, 17 & 24, June 7 & 14
UCLA Extension 1010 Westwood:
1010 Westwood Blvd.
Thursday, 7-10pm, Apr. 19; May 10 & 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, OUN, 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 Sene, 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.

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# 36029
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# 35817
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 15 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.