# Quarterly Curriculum Sequence

*Students can begin the program Summer or Fall Quarter; courses must be taken in sequence & during the year indicated below.*

## Year 1

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>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 (4 units)</td>
</tr>
<tr>
<td>Design Graphics 1: Drafting and Drawing of the Built Environment (4 units)</td>
<td>Design Graphics 2: Communication for Site Analysis, Conceptual and Site Design (4 units)</td>
<td>Design Graphics 3: Digital Rendering and Presentation Drawings (4 units)</td>
<td>AutoCAD 1 (4 units)</td>
</tr>
<tr>
<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 (4 units)</td>
<td>Landscape Design 3: Advanced Site Design (4 units)</td>
</tr>
<tr>
<td>Landscape Design 2: Site Design (4 units)</td>
<td>Landscape Design 3: Advanced Site Design (4 units)</td>
<td>AutoCAD 1 (4 units)</td>
<td>Landscape History (4 units)</td>
</tr>
</tbody>
</table>

## Year 2

<table>
<thead>
<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>
</tr>
<tr>
<td>Landscape Design 5: Planting Design (4 units)</td>
<td>Plant Materials: Shrubs (4 units)</td>
<td>AutoCAD 2 (4 units)</td>
<td></td>
</tr>
<tr>
<td>Landscape Design 6: Concept Development (4 units)</td>
<td>AutoCAD 2 (4 units)</td>
<td></td>
<td></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>Landscape Construction Methods &amp; Materials (4 units)</td>
<td>Human Factors in Landscape Architecture (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>Construction Drawing 2 (4 units)</td>
<td>Capstone Project Seminar (3 units)</td>
<td></td>
</tr>
<tr>
<td>Construction Drawing 1 (4 units)</td>
<td>Construction Drawing 2 (4 units)</td>
<td>Professional Practices in Landscape Architecture (2 units)</td>
<td></td>
</tr>
<tr>
<td>Construction Drawing 1 (4 units)</td>
<td>Construction Drawing 2 (4 units)</td>
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<td></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.
- Students who began the program prior to Summer Quarter 2014, have a separate transition sequence and should ask for individual advising.
- Laptop able to run the newest version of AutoCAD and Adobe Design Standard Suite is required before second quarter.
Intermediate AutoCAD for Landscape Architects

X 493.6  Architecture 4 units

Landscape Architecture certificate students must take this course for unit credit; other students may choose either unit credit or 3.3 continuing education units.

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. For technical requirements see page 4. Prerequisite: X 493.6 AutoCAD for Landscape Architects or X 493.992 Introduction to AutoCAD, or an equivalent introductory AutoCAD course; or at least 6 months of working experience using AutoCAD to create, edit, and plot AutoCAD drawings. Enrollment limited. Students must have their own copy of the most recent version of AutoCAD. Participation in the first session is mandatory.

Reg# 254928CA

Through Mar 2: $909 / After: $1,000

Apr 2-Jun 12

Sheila Thomas, MA, landscape architect (CA 2053).

AutoCAD 1

X 493.992  Architecture 4 units

Landscape Architecture certificate students must take this course for unit credit; other students may choose either unit credit or 3.3 continuing education units.

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 develop the tool further. While instruction is directed toward landscape architecture, those in related disciplines also should find the course valuable. Prerequisite: Basic knowledge of computers. Enrollment limited. Students must have access to most recent version of AutoCAD software; student versions of the software may be downloaded for free upon student status. UCLA Extension computer labs are not available after class.

Visitors not permitted. Internet access required to retrieve course materials.

Reg# 254303CA

Through Mar 1: $909 / After: $1,000

Westwood: 213 UCLA Extension Bldg.

Wed 7-10pm, Apr 1-Jun 17, 12 mtgs

Victor Corona, architect (CA 25767).

Course Icons Provide Information At-a-Glance

Online course

Textbook required

UC credit, may be transferable to other colleges and universities

Meets during daytime hours

Credit course may not be taken passed/not passed

Restricted Courses

These restricted courses are only open to students enrolled in the Landscape Architecture Certificate; visitors are not permitted.

For more information about our completion rates, the median debt of students who have completed the program, and other important information, please visit our certificate page at uclaextension.edu/CFO04.

Landscape Design 2: Site Design

X 471.1B  Architecture 4 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 visible—such as intimate courtyards, street plazas, park spots, etc. and/or physically built (i.e., limited use of computer drafting, rendering, and 3D modeling). Prerequisite: X 471.1A Landscape Design 1 and X 472.4E Design Graphics 2. Candidacy in the Landscape Architecture Program. Internet access required to retrieve course materials.

Reg# 254304CA

Through Feb 28: $805 / After: $880

Westwood: 213 UCLA Extension Bldg.

Thu 7-10pm, Mar 31-Jun 16, 12 mtgs

Glenn Takeuchi Matsui, MLA, landscape architect (CA 4785).

Capstone Project Studio

X 472.15D  Architecture 10 units

The Capstone Project Studio is an intensive course in which students develop a comprehensive and creative final design project that reflects their special interests and demonstrates the theory, skills, and knowledge acquired over the two and a half prior years of study in the Landscape Architecture Program. Students select individual projects and complete in 12 weeks. Small studio groups meet twice weekly under instructor guidance to review work in progress. Class sessions include discussion of design theory and process, programming, design concepts, and graphic communication. The student prepares for weekly critiques and meets milestone. Completed projects are presented before instructors, guidance committee members, and local professionals at either week 9 or 10. Prerequisite: X 472.15C Capstone Project Seminar Visitors not permitted. Internet access required to retrieve course materials.

Reg# 254397CA

Through Feb 28: $2,005 / After: $2,200

Westwood: 314 1010 Westwood Center

Mon & Thu 6-10pm, Mar 30-Jun 18

UCLA: 121 Dodd Hall

Sat 8am-4pm, Jun 13, 24 mtgs

(no mtg 5/25)

Patrick Reynolds, BA, landscape architect (CA 4440).

Landscape Design 3: Digital Rendering and Presentation Drawings

X 472.4E  Architecture 4 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: X 472.4E Design Graphics 2 & X 471.1A Landscape Design 1, Candidacy in the Landscape Architecture Program. Internet access required to retrieve course materials.

Reg# 254265CA

Through Feb 28: $909 / After: $1,000

Westwood: 213 UCLA Extension Bldg.

Mon 7-10pm, Mar 30-Jun 15, 12 mtgs

(no mtg 5/25; 1 mtg to be arranged)

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.

Landscape Design 4: Architecture 5 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). Understanding 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. Internet access required to retrieve course materials.

Reg# 254472CA

Through Feb 28: $1,005 / After: $1,100

Westwood: 314 1010 Westwood Center

Tue 6-10pm, Mar 31-Jun 16, 12 mtgs

Charles Morris Anderson, MLA

Landscape Construction Drawing I

X 472.14C  Architecture 4 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: X 472.14B Landscape Construction Drawing I and X 472.14A Landscape Construction Methods and Knowledge of AutoCAD. Visitors not permitted. Internet access required to retrieve course materials.

Reg# 254466CA

Through Mar 2: $805 / After: $880

Westwood: 214 1010 Westwood Center

Thu 7-10pm, Apr 2-Jun 16, 12 mtgs

Perla P. Arquinta, landscape architect (CA 4701).

Special Offerings

Sketching on Location

X 493.25  Architecture 2 units

Join landscape architect and architectural illustrator Richard E. Scott as he opens his sketchbook and shares his innovative approach to learning freehand observational sketching. In this course, students learn how to draw anything with exceptional accuracy; how to see with the eyes of an artist; how to apply emotion to select and sketch compelling subjects; and what separates artistic expression from merely copying. Students sketch 3-dimensional environments from observation. Subject matters encompass architecture and landscape. Students sketch in the classroom and outdoors. Enrollment limited; advance enrollment required.

Reg# 254413CA

Through Mar 4: $545 / After: $510

Westwood: 306 1010 Westwood Center

Sat 9am-4pm, Apr 4-18, 3 mtgs

Richard Scott, BSLA, landscape architect (CA 4044)
Horticulture & Gardening

These courses are for candidates in the Horticulture and Gardening Certificate as well as anyone with an interest in the field. For certificate information visit uclaextension.edu/landscapearchitecture.

Basic Arboricultural Practices
X 492.67  Biology 4 units
With trees being the largest and often longest-living elements of our outdoor environment, proper tree selection and management are important to maximize the environmental, social, and economic benefits they offer. This class features a combination of lectures, discussions, research, and field trips designed for those who desire a basic understanding of tree care—both ornamental and fruit-bearing. Students will learn theoretical and practical concepts of tree selection; establishment, management, and preservation of trees in a landscape environment; and professional standards in the proper selection, planting, pruning, and training of trees. This course also prepares students for Arboriculture II—Advanced Arboricultural Practices. Prerequisite: X 496.2 General Botany for Gardeners (preferred) or X 494 Introduction to Horticulture or approval of program office. Elective course in Horticulture and Gardening Certificate.

Core Courses

General Botany for Gardeners
X 496.2  Biology 4 units
This course provides a general introduction to the study of plant structures and functions, emphasizing these aspects as they relate to the natural survival and cultivation of plants. Topics include types and functions of leaves, stems, flowers, and fruits, plant-water relations, basic genetics, ecological tolerances, and an introduction to plant names and groupings. Many of the topics include ample hands-on experience with plants. Core course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.

Greener Gardens: Sustainable Garden Practice
X 498.10  Biology 4 units
Sustainability is today’s buzzword and many people seek to create a lifestyle with a more favorable impact on the environment. From home and school gardens to commercial sites, our gardens present the perfect place to start. Designed for horticulture students, gardening professionals, educators, and home gardeners, this course focuses on turning your green thumb into a “greener” garden. Topics include composting, irrigation, water harvesting, water wise plants, eating and growing local produce, recycling, and moving away from a consumptive, non-sustainable lifestyle when choosing materials and tools. Includes weekend field trips to the Los Angeles River to see our relationship with water in the L.A. Basin, as well as the Rancho Santa Ana Botanical Garden, focusing not only on California native plants but also on water conserving plant design. Students also visit the John T. Lyle Center for Regenerative Studies at Cal Poly Pomona, which advances the principles of environmentally sustainable living through education, research, demonstration, and community outreach. Elective course in Horticulture and Gardening Certificate and Global Sustainability Certificates.

Elective Courses

Greener Gardens: Sustainable Garden Practice
X 498.10  Biology 4 units
Sustainability is today’s buzzword and many people seek to create a lifestyle with a more favorable impact on the environment. From home and school gardens to commercial sites, our gardens present the perfect place to start. Designed for horticulture students, gardening professionals, educators, and home gardeners, this course focuses on turning your green thumb into a “greener” garden. Topics include composting, irrigation, water harvesting, water wise plants, eating and growing local produce, recycling, and moving away from a consumptive, non-sustainable lifestyle when choosing materials and tools. Includes weekend field trips to the Los Angeles River to see our relationship with water in the L.A. Basin, as well as the Rancho Santa Ana Botanical Garden, focusing not only on California native plants but also on water conserving plant design. Students also visit the John T. Lyle Center for Regenerative Studies at Cal Poly Pomona, which advances the principles of environmentally sustainable living through education, research, demonstration, and community outreach. Elective course in Horticulture and Gardening Certificate and Global Sustainability Certificates.

Planet Materials for Landscape Use
X 499  Biology 4 units
This course presents the characteristics of up to 150 spring plants selected for their garden use and seasonal interest in the Southern California area. Topics include trees, shrubs, ground covers, vines, and herbaceous plants, emphasizing their landscape use, appropriate placement, horticultural care, and ornamental features. The first class is held on campus, followed by field trips by itinerary. A course project is required for all credit students. Prerequisite: X 496.2 General Botany for Gardeners or X 494 Introduction to Horticulture. Core course in Gardening and Horticulture Certificate. Internet access required to retrieve course materials.

And Don’t Forget

CareerSpot

Available Only to Current Certificate Students & Certificate Graduates

Access important career services to help your job search. Find out more, including fees, by logging into My Extension and selecting CareerSpot.