Landscape Architecture 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

Fall	Winter	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) **Landscape History** (4 units)

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) Portfolio Review	**Capstone Project Studio** (10 units)

- 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.

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.

Required Core Courses

ARCH X 472
Introduction to the Landscape Design Professions
4.0 units
Team taught, 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# 354636
  Fee: $925
❖ *Classroom*
  12 mtgs
  Wednesday, 7-10pm, June 28-September 13
  UCLA Extension DTLA: 261 S. Figueroa St.
Visitors not permitted. No refund after July 4. ⊕
Steve Lang, managing principal of the Southern California office of Moore Iacofano Goltman (MIG) 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 Senes, who has practiced for 26 years across the United States and internationally. He teaches landscape architecture at Cal Poly Pomona, Mira Costa College and UCLA Extension. Ray is a member of the American Society of Landscape Architects; receiving an honor award for his work in 1993.

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.

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Reg# 354635
  Fee: $925
❖ *Classroom*
  12 mtgs
  Monday, 7-10pm, June 26; July 10-August 21
  UCLA Extension Westwood Center:
  1010 Westwood Blvd.
  Field Trip
  Sunday, 9am-4pm, August 20
  Location to be announced
  Sunday, 10am-4pm, August 27
  Saturday, 9am-5pm, September 9
  UCLA Extension Westwood Center:
  1010 Westwood Blvd.
No refund after July 9. ⊕
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 Razo, BSLA, MLA, project manager/landscape designer, WHO has more than 13 years of professional experience as a landscape designer and project manager. Ms. Razo received her BS in Landscape Architecture (BSLA) from Cal Poly, Pomona and received her MLA in 2015.

Jessyca Frederick.

Become a Landscape Architect

Summer Quarter is the perfect time to start the Landscape Architecture Certificate with our two introductory courses.

X 472 Introduction to the Landscape Design Professions

X 472.4D Design Graphics I

- Designed for working professionals and those looking for a career change, this three-year, intensive program prepares you for the exciting and wonderful world of landscape architecture.
- You do not need to be a certificate student to enroll in the introductory courses.
- Explore a new career path ... enroll today!

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 redevelopment, 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# 354649
Fee: $1,155
❖ *Classroom*
12 mtgs
Wednesday, 6-10pm, July 5-September 13
UCLA Extension Westwood Center:
1010 Westwood Blvd.
Saturday, 9am-11pm, July 22
Location to be announced
No refund after July 11. ⊕

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 472.6A
History of the Designed Landscape
4.0 units

The Landscape Architecture Program's history course comprises the study of the evolution of landscape design through Western civilization. Lectures cover the outstanding examples of landscape garden design and their relationships to art and architecture, as well as the philosophical, social, political, and historical forces that influenced the designed environment. Instruction includes extensive visual materials.

Reg# 353691
Fee: $925
⬠ *Online*
June 27-September 12
No refund after July 10.

JC Miller, a partner and principal at Vallier Design Associates in Point Richmond, CA. He is a landscape architect with a keen interest in the processes, especially the ethical frameworks, which guide the creation of the built environment. He is the former director for the Landscape Architecture Program at UC Berkeley Extension.

Reg# 354693
Fee: $925
❖ *Classroom*
12 mtgs
Thursday, 7-10pm, June 29-September 14
UCLA Extension Woodland Hills:
21650 Oxnard St.
Visitors not permitted. No refund after July 4.

Paul Lewis, BSLA, LEED AP, landscape architect (CA 3620). He is a LEED Accredited Professional, an allied affiliate member of the American Institute of Architects and a member of the United States Green Building Council.

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# 354641
Fee: $1,050
❖ *Classroom*
10 mtgs
Monday, 6:30-10pm, June 26;
July 10-August 28; September 11
UCLA Extension Bldg.: 10995 Le Conte Ave.
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. This course does not support AutoCAD on Mac computers.
Visitors no permitted. No refund after July 9. ⊕

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 472.12B
Irrigation/Water Conservation
4.0 units

This course focuses on irrigation system design, specifications, and construction. Instruction emphasizes water conservation and techniques of efficient and appropriate application. Various systems and techniques are explored, as well as concepts for system modernization, reclamation, and water management.
Prerequisite(s): X 472.12A Grading and Drainage, X472.5 Landscape Design 5: Planting Design, knowledge of AutoCAD.

Reg# 354848
Fee: $925
❖ *Classroom*
12 mtgs
Wednesday, 7-10pm, June 28;
July 12-August 16; August 30-September 13
UCLA Extension DTLA: 261 S. Figueroa St.
Two meetings to be arranged.
Students should have their own version of AutoCAD. Laptop highly recommended.
Visitors not permitted. No refund after July 11. ⊕

Jeff Chamlee, BLA, landscape architect (CA 1736); director of productions for Architect Design Group. With more than 35 years' experience in commercial, public, and private project types, his projects include Kenneth Hahn State Recreation Area in Los Angeles; Veterans Memorial Regional Park in Sylmar.

ARCH X 472.19
Landscape Design 6: Concept Development
4.0 units
This course explores the use of drawings as tools for visualization and design development. The focus is on developing an ability to use drawings to model and manipulate visual information throughout the various stages of design evolution. Techniques for examining ideas and concept alternatives through composite, perspective, orthographic, and axonometric drawings are explored. Lectures present examples of built projects and methods of recognized professionals which illustrate the dramatic influence drawing type may have on the final form or organization of a design. The course requires intensive drawing time; students must have already mastered basic drafting and sketching skills.
Prerequisite(s): X 472.9 Landscape Design 4: Environmental Analysis and Planning.

Reg# 354662
Fee: $925
❖ *Classroom*
12 mtgs
Thursday, 7-10pm, June 29;
July 13-September 14
UCLA Extension Westwood Center:
1010 Westwood Blvd.
Saturday, 2-4pm, July 22
Location to be announced
Materials required at first class: 2 black felt-tip pens, non-photo blue pencil, sharpener, straight edge, architectural scale, drafting tape, and roll of 12" tracing paper.
Visitors not permitted. No refund after July 12. ⊕
Francisco Behr, *for credits see page 16.*

ARCH X 472.15D
Capstone Project Studio
10.0 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 the Capstone Studio Project 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 will prepare for weekly critiques and meet milestones. Completed projects are presented before instructors, guidance committee members, and local professionals at approximately week 11.
Prerequisite(s): X 472.15C Capstone Project Seminar.

Reg# 354678
Fee: $2,310
❖ *Classroom*
22 mtgs
Monday, Thursday, 6-10pm, June 26-29;
July 10-August 31; September 11
UCLA Extension Westwood Center:
1010 Westwood Blvd.
Tuesday, 6-10pm, September 5
UCLA Extension Westwood Center:
1010 Westwood Blvd.
Thursday, 6-10pm, September 7
UCLA: Physics & Astronomy Bldg.
Saturday, 9am-2pm, September 9
UCLA: Physics & Astronomy Bldg.
Restricted course.
Capstone Presentations Sept 9 at 9am in the Physics and Astronomy Bldg., UCLA Campus.
Visitors not permitted. No refund after July 9.
Patrick Reynolds, BA, landscape architect (CA 4440), landscape contractor, project manager, certified irrigation designer and auditor, and CEQA and NEPA Certified. Mr. Reynolds is currently the Parks Division manager for the Culver City Department of Parks and Recreation.

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# 354660
Fee: $695
❖ *Classroom*
4 mtgs
Saturday, 9am-4pm, July 8-29
UCLA Extension Woodland Hills:
21650 Oxnard St.
Laptop required in class with SketchUP Pro student software installed. (Purchase student license here: http://www.sketchup.com/3Dfor/education-students.) Students must bring their own laptop to every class. No visitors permitted. No refund after July 7. ⊕ 📖
Laura Razo, BSLA, MLA, project manager/landscape designer, 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 493.77
Advanced SketchUp for Landscape Architects
2.0 units
For advanced students, this hands-on course covers more in-depth applications of SketchUp. Learn how SketchUp can function as your only software design tool during the entire design and presentation process.
Prerequisite(s): X 493.99 SketchUp for Landscape Architects or X 493.777 Introduction to Sketchup for Landscape Architects.

Reg# 354654
Fee: $495
❖ *Classroom*
3 mtgs
Saturday, 9am-4pm, August 12-26
UCLA Extension DTLA: 261 S. Figueroa St.
Students must purchase and install student version of SketchUP Pro on laptops prior to first class meeting. Students must bring their own laptops to every class meeting.
Enrollment limited. No refund after August 11. ⊕
Laura Razo, *for credits see page 17.*

Sketching on Location in Cuba

Capture the beauty and magic that Havana has to offer. Richard Scott, landscape architect, artist, author, and UCLA Extension's Sketching on Location Instructor, will take students on historic sketching tours of Old Town, Havana, and other unique locations.

UCLA Extension's Landscape Architecture Program is offering this new and exciting course for fall 2017. Immerse yourself in Havana, as once only seen in pictures, majestic and beautifully detailed Spanish colonial architecture.

Havana's artistic culture is thriving with a mix of African, Spanish and American influences. Students will visit environmental and cultural sites, unique to Cuba. So pack your sketchbook, swimsuit and your adventurous spirit and let's go to Cuba!

For more details and to sign up visit: **holbrook.travel/uclacuba**.

Course Highlights:
- December 2-9; 7 nights, 8 days
- Class instruction and sketching at different location in old Havana and surrounding areas
- Custom tours of sustainable communities, urban farms, local theatres and botanical gardens
- Diverse dining experiences
- Free time to enjoy Havana at your leisure
- $4,225 price includes international airfare from Los Angeles, visas, land transportation, hotel, 18 meals, sketching instruction, and tours.
- Enrollment deposit deadline August 4.

For more information please contact:
mmcdonald@uclaextension.edu | (310) 825-9414

Horticulture & Gardening Courses

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

Horticulture & Gardening courses begin on page 133.

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

📖 TEXTBOOK REQUIRED
Visit our website for textbook information.

🏠 UC CREDIT
May be transferable to other colleges and universities, page 5