

LANDSCAPE ARCHITECTURE

- 108 Restricted Courses
- 108 Open-Enrollment Courses
- 109 Special Offerings
- 110 Short Courses Offering CEUs
- 110 Field Study Tours
- 110 LARE Review Workshops

Landscape Architecture

For more information call (310) 825-9414, visit uclaextension.edu/landarch, or email landscapearchitecture@uclaextension.edu.

Restricted Courses

These courses are only open to students enrolled in the Certificate Program in Landscape Architecture. For course descriptions visit uclaextension.edu/landscapearchitecture.

◇ Graphic Communication for Landscape Architecture II

X 472.4B Architecture 4 units \$655
Prerequisite: X 472.4A Graphic Communication for Landscape Architecture I. *Enrollment limited. Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7381B

Westwood: 313 1010 Westwood Center
 Thu 7-10pm, Jun 24-Sep 9, 12 mtgs
No refund after Jul 1.

Rebecca Schwaner, MA, landscape designer

◇ Irrigation Practices

X 472.12B Architecture 4 units \$655
Prerequisite: X 472.12A Grading and Drainage. *Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7799B

Westwood: 314 1010 Westwood Center
 Wed 7-10pm, Jun 23-Sep 8, 12 mtgs
No refund after Jun 30.

Jay J. Rodriguez, landscape architect (CA 4797)

Reg# V7370B

Downtown Los Angeles: 261 S. Figueroa St.,
 Figueroa Courtyard, Suite 100W,
 Classroom 104
 Wed 7-10pm, Jun 23-Sep 8, 12 mtgs
No refund after Jun 30.

Jeff Chamlee, BLA, landscape architect (CA 1736)

◇ Design II: Design Theory

X 472.1B Architecture 4 units \$655
Prerequisite: X 472 Landscape Architecture: Introduction to the Profession, X 472.1A Design I: Design Theory, and admission to candidacy. *Enrollment limited. Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7359B

Westwood: 209 Extension Lindbrook Center
 Tue 7-10pm, Jun 22-Sep 7, 12 mtgs
No refund after Jun 29.

Nancy Giffin, landscape architect (CA 3874)

◇ Human Factors in Landscape Architecture

X 472.23 Architecture 4 units \$655
Prerequisite: X 472.19 Design VI: Concept Development. *Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7382B

Westwood: 204 ABC Extension Lindbrook Center
 Tue 7-10pm, Jun 22-Sep 7, 12 mtgs
No refund after Jul 1.

Michael O'Brien, MA, landscape architect (CA 2701)

◇ Design IV: Applied Theory

X 472.3 Architecture 5 units \$765
Prerequisite: X 472.1C Design III: Design Theory, X 472.4B Graphic Communication for Landscape Architecture II, X 472.2 Drafting for Landscape Architecture, and the first portfolio review. *Enrollment limited. Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7798B

Westwood: 314 1010 Westwood Center
 Mon 6-10pm, Jun 21-Aug 30, 12 mtgs
 (no mtg 7/5; 2 mtgs to be arranged)
No refund after Jun 28.

Mark Billy, BArch, AIA, architect (CA 20228)

Reg# V7357B

Westwood: 314 1010 Westwood Center
 Tue 6-10pm, Jun 22-Sep 7, 12 mtgs
No refund after Jun 29.

Duane Border, BSLA

◇ Planting Design

X 472.5 Architecture 4 units \$655
Prerequisite: X 472.19 Design VI: Concept Development and two courses from the Plant Materials series (X 472.8A-C). *Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7858B

Westwood: 314 1010 Westwood Center
 Thu 7-10pm, Jun 24-Sep 9, 12 mtgs
No refund after Jul 1.

Theresa Rossoff, MA in landscape architecture, certified arborist

Reg# V7358B

Westwood: 320 1010 Westwood Center
 Thu 7-10pm, Jun 24-Sep 9, 12 mtgs
No refund after Jul 1.

Stephen Davis, landscape architect (CA 1960)

◇ Professional Practices in Landscape Architecture

X 493.9 Architecture 4 units \$655
Prerequisite: Third- or fourth-year standing in the program. *Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7380B

Downtown Los Angeles: 261 S. Figueroa St.,
 Figueroa Courtyard, Suite 100W,
 Classroom 103
 Thu 7-10pm, Jun 24-Sep 9, 12 mtgs
No refund after Jul 1.

Jim Pickel, BS, landscape architect (CA 4385)

NEW COURSE

◇ Model Sustainable/Conservation Park Design

X 497.21 Architecture 5 units \$765
Prerequisite: X 472.19 Design IV: Concept Development. *Elective course in Certificate in Global Sustainability Concentration in Design; to learn more about this certificate program see page 4. Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7860B

Westwood: 413 1010 Westwood Center
 Tue 6-10pm, Jun 22-Sep 7, 12 mtgs
No refund after Jun 29.

Jim Smith, MArch, AIA, architect (CA 14453)

Attend a Free Introductory Course!

Landscape Architecture Program

Thu, May 20, 7-8:30pm, 208 Extension Lindbrook Center

Learn about UCLA Extension's Landscape Architecture Program, approved to meet the education requirement for licensure in California.

Highlights include:

- Presentation of the curriculum
- Discussion of career opportunities
- Display of student work
- Question-and-answer period
- A drawing to win a free course

New Student Discount

Each new student who enrolls in X 472.1 Basic Drawing or X 472 Introduction to the Profession at the program receives a \$50 discount (*applies to summer courses only*).

For more information call (310) 825-9414 or email landscapearchitecture@uclaextension.edu.

◇ The New Urbanism

X 472.41 Architecture 5 units \$765
Prerequisite: X 472.19 Design VI: Concept Development. *Elective course in Certificate in Global Sustainability Concentration in Design; to learn more about this certificate program see page 4. Internet access required to retrieve course materials. Visitors not permitted.*

Reg# V7795B

Westwood: 406 1010 Westwood Center
 Tue 6-10pm, Jun 22-Sep 7, 12 mtgs
No refund after Jun 29.

Michael Kaufman, MArch, AIA, LEED AP, architect (CA 17812)

◇ Thesis Workshop: Critical Thinking in Design

X 493.92 Architecture 2.7 units \$380
Prerequisite: Fourth-year standing in the program and an approved thesis topic. *Visitors not permitted.*

Reg# V7857B

Westwood: 407 1010 Westwood Center
 ✨ Sat 9am-1pm, Jun 26
 ✨ Sat & Sun 9am-3pm, Jul 24 & 25
 ✨ Sat & Sun 9am-5pm, Aug 7 & 8, 5 mtgs
No refund after Jul 9.

Steve Lang, BLA, landscape architect (CA 1771)

Patrick Reynolds, BA, landscape architect (CA 4440)

Open-Enrollment Courses

Landscape Architecture: Introduction to the Profession

X 472 Architecture 4 units \$655
 Team taught, this introductory course covers the history, scope, types, and scale of landscape architecture; licensure; professional societies; and current issues. Terminology, construction concepts, basic graphic skills, and model-making also are introduced. *Internet access required to retrieve course materials.*

Reg# V7364B

Downtown Los Angeles: 261 S. Figueroa St.,
 Figueroa Courtyard, Suite 100W,
 Classroom 103
 Wed 7-10pm, Jun 23-Sep 8, 12 mtgs
No refund after Jun 30.

Steve Lang, BLA, landscape architect (CA 1771)

Alexis Slafer, MA, landscape architect (CA 2563)

Don Marquardt, MA, landscape architect (CA 1894)

- ◇ Not available passed/not passed
- 📖 Text required; see page 144
- ☀️ Course held during daytime hours

Quarterly Curriculum Sequence

Year 1

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
X 472 Landscape Architecture: Introduction to the Profession (4 units) X 472.1 Basic Drawing Techniques for Landscape Architecture (4 units)	X 472.1A Design I: Design Theory (4 units) X 472.4A Graphic Communication for Landscape Architecture I (4 units)	X 472.1B Design II: Design Theory (4 units) X 472.4B Graphic Communication for Landscape Architecture II (4 units)	X 472.1C Design III: Design Theory (4 units) X 472.2 Drafting for Landscape Architecture (4 units) Elective (4 units)

Year 2

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
X 493.992 An Introduction to AutoCAD (4 units) X 472.6A History of Landscape Architecture I (4 units)	X 472.3 Design IV: Applied Theory (5 units) X 472.6B History of Landscape Architecture II (4 units) Elective (4 units)	X 472.9 Design V: Environmental Analysis and Planning (4 units) X 472.12A Grading and Drainage (4 units)	X 472.19 Design VI: Concept Development (4 units) X 472.35 Advanced Graphics for Landscape Architecture (4 units)

Year 3

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
X 472.5 Planting Design (4 units) X 472.23 Human Factors in Landscape Architecture (4 units)	Advanced Design Studio (5 units) X 472.12B Irrigation Practices (4 units) Elective (4 units)	X 472.14A Landscape Construction Methods and Materials (4 units) X 472.14B Landscape Construction Drawing I (4 units)	Advanced Design Studio (5 units) X 472.14C Landscape Construction Drawing II (4 units)

Year 4

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Advanced Design Studio (5 units) X 493.9 Professional Practices in Landscape Architecture (4 units) X 493.92 Thesis Workshop: Critical Thinking in Design (2.7 units)	X 472.20 Landscape and the Imagination: Writing about the Landscape (4 units) X 472.201 Thesis Research and Analysis Workshop (4 units)	X 472.15A Design IX: Thesis (5 units)	X 472.15B Design X: Thesis (5 units)
Non-Sequential Courses			
X 472.8D Plant Materials IV (4 units)	X 472.8A Plant Materials I (4 units)	X 472.8B Plant Materials II (4 units)	X 472.8C Plant Materials III (4 units)

Program Notes

Observing prerequisites, two Plant Materials courses and the 12 elective units are inserted into the four-year plan once a year before beginning thesis at the student's convenience.

Basic Drawing Techniques for Landscape Architecture

X 472.1 Architecture 4 units \$655
 This rigorous exposure to drawing techniques for the beginning student emphasizes the processes and drawing skills needed by a designer and offers practical drawing experience, including classroom exercises and structured outdoor sketching assignments. *Internet access required to retrieve course materials.*

Reg# V7383B

Westwood: 314 1010 Westwood Center
 ☼ Sat 9:30am-12:30pm, Jun 26-Sep 11, 12 mtgs
 (no mtg 7/3, 7/31 & 9/4; 3 mtgs to be arranged)
 No refund after Jul 2.

Luis Serrano, MFA, artist

History of Landscape Architecture I

X 472.6A Architecture 4 units \$655
 The Landscape Architecture Program offers two courses in history comprising a study of the evolution of landscape design through Western civilization. This first course covers the period between the Hanging Gardens of Babylon and the English landscape gardens of the 19th century, their creators, and the key personalities who shaped the classical world. 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. *Internet access required to retrieve course materials.*

Reg# V7368B

Westwood: 204 ABC Extension Lindbrook Center
 Wed 7-10pm, Jun 23-Sep 8, 12 mtgs
 No refund after Jun 30.

Rhett Beavers, MLA, BLA, landscape architect (CA 3519, TX 810)

An Introduction to AutoCAD

X 493.992 Architecture 4 units \$825
(Landscape Architecture certificate students must take this course for unit credit; other students may choose either unit credit or 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 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 purchased at studica.com. UCLA Extension computer labs are not available. Internet access required to retrieve course materials.* 📧

Reg# V7376B

Westwood: 213 UCLA Extension Bldg.
 ☼ Thu 4-7pm, Jun 24-Sep 9, 12 mtgs
 No refund after Jul 1.

Victor Corona, architect (CA 25767)

Reg# V7377B

Westwood: 213 UCLA Extension Bldg.
 Thu 7-10pm, Jun 24-Sep 9, 12 mtgs
 No refund after Jul 1.

Victor Corona, architect (CA 25767)

Special Offerings

NEW COURSE

Retrofitting Our Schools as Green Schools

X 444.1 Architecture 4 units \$655
 In collaboration with Farragut Elementary, this course incorporates green sustainable design solutions into a school site. Redesign goals include lowering campus water use, reducing maintenance needs/costs, replenishing groundwater, and filtering pollutants from on-site run-off and storm water before it enters Ballona Creek and the Pacific Ocean. Working with students, parents, and teachers, the design features a drought-tolerant plant palette, on-site water retention, low-tech solutions, LID BMPs, and LEED criteria. *Elective course in Certificate in Global Sustainability Concentrations in Design and Education; to learn more about this certificate program see page 4. Internet access required to retrieve course materials.*

Reg# V7809B

Westwood: 218 1010 Westwood Center
 Tue 7-10pm, Jun 22-Aug 31, 15 mtgs
 (includes 4 Sat field trips: 6/26, 7/10, 8/7 & 9/7; itinerary announced in class)
 No refund after Jun 29.

Kathleen McKernin, BFA, North East Trees

New One-Day Intensives

Professionals—keep up with new legislation and regulations while earning continuing education units.

Offered This Quarter

Green Roofs

Sat, Jul 17

Stormwater Management and Rainwater Harvesting

Sat, Aug 21

For complete course information see this page.

Gardening and Horticulture Courses

Designed for landscape and garden professionals as well as dedicated home gardeners, our courses feature lectures, demonstrations, and hand-on training.

Offered this Quarter

Introduction to Horticulture

Native Plants for the Sustainable Garden

The Art and Practice of Pruning

Page 122.

Turn Green into Green!

Revitalize the Planet and Your Career

Our Certificate Program in Global Sustainability can help you become a leader of environmental change within your organization or acquire the skills to launch an exciting career that matters.

For details and this quarter's courses see pages 4-7.



Understanding Water: Design and Construction of Residential Water Features

X 495.61 Architecture 4 units \$655

From the wonderful pools and ponds of the Alhambra and the 3,000-year-old pools at Masada to the Ancient Greek spas of Hadrian and therapeutic pools at Pergamon, water has been used to convey beauty and peacefulness and many of these ancient creations are still functioning today. So why do the greatest number of construction defects in California involve water in one form or another? This course presents an in-depth study of what every landscaper needs to know about design detailing and how to identify proper construction of water features. Topics include water in transit, hydraulics, soils and geology, structural engineering, and cementitious finishes, glass tile, and more. *Internet access required to retrieve course materials.*

Reg# V7374B

Westwood: 218 1010 Westwood Center
Wed 7-10pm, Jun 23-Sep 8, 12 mtgs
No refund after Jun 30.

David R. Tisherman, Principal/Founder, David Tisherman's Visuals, Inc., a watershape design/build firm based in Manhattan Beach. An internationally renowned pool and spa designer, David Tisherman has been called "the Frank Lloyd Wright of the pool industry."

Plant Materials IV

X 472.8D Architecture 4 units \$655

This course focuses on plants that landscape architects should know but usually don't. The species presented are arranged in categories, including aquatics, ferns, ornamental grasses and bamboos, palms, succulents, cycads, unusual perennials, and those adaptable to interiors. Seldom-visited gardens and nurseries provide a background for observing these species. The first class meets one half-day on campus. In lieu of classroom lectures, students then take four field trips and one overnight trip. *Prerequisite:* Plant Materials I (X 472.8A), II (X 472.8B), or III (X 472.8C). *Students are responsible for their own travel and accommodation arrangements to remote lecture locations and must bring a camera for recording purposes. Visitors not permitted.*

Reg# V7837B

First meeting:
Costa Mesa: South Coast Plaza,
Bristol and Town Center Drive
(meet on the corner of Bistol & Town Center)

✳ Sat 9am-4pm, Jul 17

Subsequent meetings by itinerary:

✳ Sat 9am-4pm, Jul 24 & 31; Aug 14 & 28;
Sep 11

✳ Fri 9am-5pm, Aug 27, 7 mtgs

Kenneth Kammeyer, BS, landscape architect (CA 1174)

NEW COURSE

International Resort Design

X 497.4 Architecture 2.5 units \$380

This course focuses on global resort-themed landscape environments, including design and construction case studies of theme parks; resort hotels; and international retail, dining, and entertainment venues. Each class features a guest speaker who lectures on his/her international experience. International resort complexes in Hong Kong, Australia, Hawaii, and other locations form the basis of the class studies, including Phu Chaisai Mountain Resort & Spa in Thailand, The Palace of the Lost City in South Africa, and Disneyland Resort Paris. *Advance enrollment required; no enrollment at the door.*

Reg# V7884B

Westwood: 406 1010 Westwood Center
✳ Sat 9am-4pm, July 17 & 24; August 7, 3 mtgs
Paul Comstock, BFA, landscape architect (CA 3126)

Feng Shui in the Garden

X 494.83 Architecture 1.4 units \$250

Feng Shui is a systematic approach of understanding the principles that create a sense of harmony and balance with one's surroundings. This two-day workshop focuses on how to apply the basics of Feng Shui in the landscape and garden to enhance one's life. The course provides information about correcting imbalances that often are found on properties as a result of the shape and slope of the land, streets, buildings, and other

exterior factors. Participants learn how to apply such elements as landscape design, color, site accessories, and lighting to achieve their personal goals. Landscape design solutions are offered to exemplify how Feng Shui principles apply to the garden.

Reg# V7846B

Westwood: 320 1010 Westwood Center

✳ Sat & Sun 9am-3pm, Sep 11 & 12, 2 mtgs

Shelley Sparks, BA, landscape architect (CA 2896)

Short Courses Offering CEUs

NEW COURSE

Green Roofs

802.6 Architecture 0.5 CEU \$200

Green roofs (planted roofs) help reduce the urban heat island effect, save energy, and improve air quality by absorbing CO₂ and other pollutants. This course covers structural considerations, roofing materials, plant material, soil composition and custom soils, and irrigation with a focus on Southern California's climate and seasons. The class begins with a visit to the green roofs at the Vista Hermosa Park and then continues with class materials and lecture at Figueroa Courtyard. *Elective course in Certificate in Global Sustainability Concentration in Design; to learn more about this certificate program see page 4. Advance enrollment required; no enrollment at the door.*

Reg# V7830B

Downtown Los Angeles: 261 S. Figueroa St.,
Figueroa Courtyard, Suite 100W,
Classroom 103

(course begins at Vista Hermosa Park,
100 N. Toluca St.)

✳ Sat 9am-2:30pm, Jul 17, 1 mtg

Michael Rieger, Senior Project Manager, Weston Solutions, Inc., which delivers integrated, sustainable solutions for environmental restoration, property redevelopment, design/build construction, green buildings, and clean energy

NEW COURSE

Stormwater Management and Rainwater Harvesting

802.7 Architecture 0.5 CEU \$200

Sustainable site planning requires understanding and calculating storm events and designing landscapes to capture, hold, and infiltrate stormwater through landscape designs that focus on several methods, from on-site retention and cisterns to green infrastructure, such as swales. This course showcases unique designs and describes the methods and calculations used to design stormwater BMPs for a site to appropriately accommodate seasonal stormwater within the Southern California region. *Elective course in Certificate in Global Sustainability Concentration in Design; to learn more about this certificate program see page 4. Advance enrollment required; no enrollment at the door.*

Reg# V7855B

Westwood: G33E UCLA Extension Bldg.

✳ Sat 9am-2:30pm, Aug 21, 1 mtg

Eileen Alduenda, MLA, Seminar Coordinator, The Los Angeles and San Gabriel Rivers Watershed Council

Field Study Tours

For important information about field and travel study tours see page 147.

Freehand Analysis Sketching at Sea Ranch

X 493.94 Architecture 4 units \$700

(Does not include transportation and accommodation costs. For more information on these costs, contact the Landscape Architecture Program Office. Students should arrive at Sea Ranch by 6:30pm on Jun 30; instruction begins at 9am on Jul 1.)

The ability to document your impressions of a site quickly and clearly in sketch form is a vital component of the landscape architecture design process. The goal of this intensive workshop is to allow students to develop a methodology and loose graphic technique to articulate their own impressions of the landscape and built environment. The subject of this analysis is the existing second-home coastal community of Sea Ranch

in Northern California. The original plan for the community was conceived of in the late 1960s by a team of developers and designers led by landscape architect Lawrence Halprin. Since its inception, Sea Ranch has become a model for an interdisciplinary approach to design, where building and landscape are conceived of as a whole. The intensive six-day/evening site study allows students to replicate that process. Travel and lodging to Sea Ranch not included. *Prerequisite:* Second-, third-, and/or fourth-year standing in the program or consent of instructor. *Enrollment limited. A free orientation is held on Jun 17; call (310) 825-9414 to R.S.V.P. Visitors not permitted.*

Reg# V7804B

Orientation:

Westwood: 411 UCLA Extension Bldg.

Thu 7-8pm, Jun 17

Field Study:

Thu-Mon, Jul 1-5, 5 days

Mario Violich, BLA, MArch, designer

Mark Billy, BArch, AIA, architect (CA 20228)

LARE Review Workshops

The LARE Review is covered in five separate workshops (Sections A-E).

LARE Section B: An Intensive Review

745 Architecture \$250

Designed for students who are preparing to take the LARE Section B: Analytical Aspects of Practice, 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. *Advance enrollment required; no enrollment at the door.*

Reg# V7849B

Westwood: G33E UCLA Extension Bldg.

✳ Fri 12-9pm, Aug 27, 1 mtg

No refund after Aug 25.

Angela Woodward, BSLA, landscape architect (CA 2126)

LARE Section A: An Intensive Review

744 Architecture \$250

Designed for students who are preparing to take the LARE Section A: Legal and Administrative Aspects of Practice, this workshop reviews the knowledge and skills associated with regulations, contracts, and construction administration processes. *Advance enrollment required; no enrollment at the door.*

Reg# V7851B

Westwood: G33E UCLA Extension Bldg.

✳ Sat 8am-5pm, Aug 28, 1 mtg

No refund after Aug 25.

Angela Woodward, BSLA, landscape architect (CA 2126)

LARE Section D: An Intensive Review

746 Architecture \$250

Designed for students who are preparing to take the LARE Section D: Structural Considerations and Materials and Methods of Construction, this workshop reviews the principles and skills portion of the LARE necessary for the areas covered in Section D, including appropriate size, shape, form, technical considerations, structural considerations, materials and methods, processes of construction, construction detailing, and post-construction evaluation for compliance. *Advance enrollment required; no enrollment at the door.*

Reg# V7852B

Westwood: G33E UCLA Extension Bldg.

✳ Sun 8am-5pm, Aug 29, 1 mtg

No refund after Aug 25.

Patrick Reynolds, BA, landscape architect (CA 4440)