Prepare for the LARE Exam

“I passed! ...wouldn’t have been able to do it without your help!”

—LARE prep student

Studying for the Landscape Architects Registration Exam (LARE) can be confusing and stressful, but UCLA Extension’s highly regarded review program provides exceptional preparation for all areas of the exam.

Enroll today and gain the confidence and mastery you need to succeed!

LARE 1: Sat, Feb 28
LARE 2: Sun, Mar 1
LARE 3: Sun, Feb 8
LARE 4: Fri & Sat, Feb 6 & 7

Our LARE Reviews offer:
- Convenient schedules—Sections 1, 2, and 3 are 1-day courses; Section 4 is 2 days.
- Flexible enrollment options—enroll in 1 review or all 4.
- 3 essential keys to pass the exam—subject matter mastery, problem-solving skills, and test-taking strategies.
- Expert instruction—by working landscape architects.

For more information visit uclaextension.edu.

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></td>
<td></td>
<td></td>
<td>AutoCAD 2 (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>
</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 (30 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></td>
<td></td>
<td>Professional Practices in Landscape Architecture (2 units)</td>
<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.
Landscape Architecture

For more information call (310) 825-9414, visit uclaextension.edu/landarch, 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 3 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. Purchase of a third-party 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.

Open-Enrollment Courses

Landscape Design 1: Site Design Basics
X 471.1A Architecture 4 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. Prerequisite: X 472 Landscape Architecture: Introduction to the Landscape Profession and X 472.1 Design Graphics I: Drafting and Drawing of the Built Environment. Internet access required to retrieve course materials.
Reg# 251246CA
Through Dec 6: $805 / After: $880
Westwood: 314 1010 Westwood Center
Thu 7-10pm, Jan 6-Mar 24, 12 mtgs
Nancy Giffin, landscape architect (CA 3874).

History of the Designed Landscape II
X 472.6B Architecture 4 units
Formerly History of Landscape Architecture II. This course covers the outstanding parks, gardens, great estates, cities, urban plazas, and expositions of the 19th through the 21st centuries in America; the emergence of landscape architecture as a profession; and the design concepts and significant personalities who shaped the landscape. Instruction emphasizes the historical, social, political, economic, and philosophical forces that influenced the profession's modern era. Includes 2 required field trips. Required course in Landscape Architecture Certificate. Elective course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.
Reg# 251247CA
Through Dec 6: $805 / After: $880
Downtown Los Angeles: 261 S. Figueroa St., Figueroa Courtyard, Suite 100W, Classroom 105
Tue 7-10pm, Jan 6-Mar 24, 12 mtgs
Rhett Beavers, MLA, BBA, landscape architect (CA 5519, TX 810).

Plant Materials: Shrubs
X 472.8B Architecture 4 units
One of the 2 required plant material courses, focusing on plants, their communities, and place in the landscape, instruction focuses on plant materials that often influence the landscape architect's overall site composition. This course focuses on medium-scale materials, such as shrubs, vines, ground covers, and special-effects plants used to fulfill specific site requirements and companion plant groupings, planting location, etc. as design elements. Students take Saturday field trips (itinerary discussed at the first class) to urban landscapes, campuses, gardens, arboretums, and nurseries, meeting once (first class) at UCLA in a classroom setting. Students are responsible for their own transportation to remote locations (carpooling is encouraged) and must bring a camera or other recording device. Visitors not permitted. Internet access required to retrieve course materials.
Reg# 251275CA
Through Dec 10: $805 / After: $880
Westwood: 310 1010 Westwood Center
Sat & Sun 9am-4pm, Jan 10; Feb 7-Mar 5
Field Trip: Location to be announced
Sat & Sun 9am-4pm, Jan 11 & 24; Mar 14, 6 mtgs
Frank L. Simpson, BSLA, MLA

Scientific Illustration and Plant Identification
X 494.65 Architecture 3 units
This course is a supplement to and complement to the core program plant material courses. Held at locations in and around the Southern California area, this course is an introduction to scientific illustration and plant identification. Students are introduced to plant taxonomy and terminology. The instructor establishes a plant pallet to be studied for each location. Above all students develop a keen sense of awareness and observation. Elective course in Landscape Architecture, Horticulture and Gardening. Students must provide their own transportation. Internet access required to retrieve course materials.
Reg# 251282CA
Through Jan 8: $605 / After: $660
San Gabriel: San Gabriel Nursery & Florist, 632 S. San Gabriel Blvd.
Sun 10am-4pm, Feb 22
Long Beach: Earl Bums Miller Japanese Garden, CSULB, 1250 Bellflower Blvd.
Sun 10am-4pm, Feb 22
UCLA: Mildred E. Mathis Botanical Garden
Sat 10am-4pm, Mar 9
Sunland: Valley Crest Tree Company, 9500 Foothill Blvd.
Sun 10am-4pm, Mar 22, 4 mtgs
David W. Squire, MA in Urban Planning and Architecture Design, UCLA; BSLA, Washington State University; master planner; project architect.

AutoCAD for Landscape Architects
X 493.5 Architecture 4 units
Landscape Architecture Certificate students must take this course for unit credit; other students may choose either unit credit or .3 credit continuing education units. This course leads students through the basic steps of how to create, modify, measure, dimension, and print 2D design elements using AutoCAD. Students become aware of how AutoCAD operates in full-scale and how to create appropriate levels of detail based on ultimate plotting scale. This introductory course is appropriate for students with an understanding of landscape architectural drawings but no previous experience with AutoCAD. For technical requirements see page 4. Enrollment limited. Students must have their own copy of the most recent version of AutoCAD. Participation at the first class is mandatory.
Reg# 251334CA
Through Dec 7: $905 / After: $1,000
Sheila Thomas, MA, landscape architect (CA 2053).

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/CF004.

Landscaping Construction Methods and Materials
X 472.14A Architecture 4 units
Must be taken concurrently with X 472.14B Landscape Construction Drawing I.
This course investigates the various materials used in building landscapes (masonry, concrete, wood, metal, water, lighting, etc.); their physical properties, characteristics, and applications are studied and evaluated in terms of function and aesthetics. Students demonstrate knowledge and proper use of these materials in detailed exercises and drawings. Prerequisite: X 472.10 Design V: Concept Development, X 493.6 Intermediate AutoCAD for Landscape Architects, and X 472.12B Irrigation Practices. Visitors not permitted.
Reg# 251338CA
Through Dec 7: $805 / After: $880
Downtown Los Angeles: 261 S. Figueroa St., Figueroa Courtyard, Suite 100W, Classroom 104
Wed 7-10pm, Jan 7-Mar 25, 12 mtgs
Jeff Chamlee, BLA, landscape architect (CA 1736).

Landscaping Construction Drawing I
X 472.14B Architecture 4 units
Must be taken concurrently with X 472.14A Landscape Construction Methods and Materials. This construction drawing course imparts a working knowledge of procedures and techniques. Students learn the process of assembling a complete and comprehensive set of construction drawings in which title and base sheets, dimensioned layout sheets, and detail plans are prepared. Grading, drainage, and other drawings prepared in other courses are incorporated into the overall document package. Prerequisite: X 472.19 Design V: Concept Development, X 493.6 Intermediate AutoCAD for Landscape Architects, X 472.12B Irrigation Practices, and X 472.5 Planting Design. Enrollment limited. Laptop and AutoCAD required. Visitors not permitted. Internet access required to retrieve course materials.
Reg# 251264CA
Through Dec 8: $905 / After: $880
Westwood: 413 1010 Westwood Center
Thu 7-10pm, Jan 8-Mar 26, 12 mtgs
Perla P. Arquieta, landscape architect (CA 4791).

NEW COURSE

Capstone Project Seminar
X 472.15C Architecture 3 units
The Capstone Proposal is the first in the final two courses in the UCLA Extension Landscape Architecture Program. Based upon the professional 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 work plan. This course is a required prerequisite to the Capstone Project. Internet access required to retrieve course materials.
Reg# 251337CA
Through Dec 7: $605 / After: $660
Downtown Los Angeles: 261 S. Figueroa St., Figueroa Courtyard, Suite 100W, Classroom 103
Wed 7-10pm, Jan 7-Mar 4, 9 mtgs
Steve Lang, BLA, landscape architect (CA 1771, NV 461).

NEW COURSE

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 will prepare for weekly critiques and present milestones. 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 Internet access required to retrieve course materials.
Reg# 251245CA
Through Dec 5: $2,005 / After: $2,200
Westwood: 314 1010 Westwood Center
Mon & Thu 6-10pm, Jan 5-Mar 26
UCLA: 121 Dodd Hall
Sat 5-9pm, Mar 14, 24 mtgs
(no mtg 1/19 & 2/16; 1 mtg to be arranged)
Meg Rushing Coffee, MLA, landscape architect (CA 4747).

Online course
Not available passed/not passed
Text required
Course held during daytime hours

Enroll at uclaextension.edu or call (800) 825-9971
UPDATED FOR 2015

Professional Practices in Landscape Architecture
X 493.9  Architecture 2 units
This course covers professional relationships, rights, and responsibilities between parties in the public and private sectors. Instruction emphasizes professional practices and project management, including licensing and consumer protection, setting up and managing a private practice, cost estimating and bid solicitation, contracts and contract documents, liability and insurance, administering projects under construction, and professional ethics. Visitors not permitted. Internet access required to retrieve course materials.
Reg# 251135CA
Through Dec 6: $465 / After: $510
Downtown Los Angeles: 201 S. Figueroa St., Figueroa Courtyard, Suite 100W, Classroom 104
Tue 7-10pm, Jan 6 & 20, Feb 3 & 17, Mar 3 & 17, 6 mtgs
Glenn Takeshi Matsu, MLA, landscape architect (CA 478S).

LARE Review Workshops

LARE Section 1: An Intensive Review
374 Architecture
Designed for students who are preparing to take the LARE Section 1: Project and Construction Administration. This workshop covers the knowledge and skills associated with regulations, contracts, and construction administration processes. Advance enrollment required. No enrollment at the door.
Reg# 250676CA
Through Feb 1: $275 / After: $302
Westwood: G33E UCLA Extension Bldg.
Sun 9am-5pm, Feb 28, 1 mtg
$60 nonrefundable; no refund after Feb 27.
Angela Woodward, BLSA, landscape architect (CA 2126).

LARE Section 2: An Intensive Review
748 Architecture
Designed for students who are preparing to take the LARE Section 2: Inventory and Analysis, 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# 250676CA
Through Feb 1: $275 / After: $302
Westwood: G33E UCLA Extension Bldg.
Sun 9am-5pm, Mar 1, 1 mtg
$60 nonrefundable; no refund after Feb 27.
Angela Woodward, BLSA, landscape architect (CA 2126).

LARE Section 3: An Intensive Review
749 Architecture
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. Advance enrollment required; no enrollment at the door. Students are expected to bring basic drafting supplies, trace paper, and a calculator to class for this course.
Reg# 250772CA
Through Jan 8: $275 / After: $302
Westwood: G33E UCLA Extension Bldg.
Sat 9am-5pm, Feb 8, 1 mtg
$60 nonrefundable; no refund after Feb 6.
Endnotes: deadline Feb 4.
Angela Woodward, BLSA, landscape architect (CA 2126).

LARE Section 4: An Intensive Review
750 Architecture
Designed for students preparing to take LARE Section 4: Construction Documentation. This workshop covers the knowledge and skills for preparing plans, including demolition, grading, drainage, planting, and stormwater management. Also covers construction documentation and specifications. Advance enrollment required; no enrollment at the door. Students are expected to bring basic drafting supplies, trace paper, and a calculator to class for this course.
Reg# 250774CA
Through Jan 6: $465 / After: $530
Westwood: G33E UCLA Extension Bldg.
Fri 1-7pm, Feb 6
Sat 11am-5pm, Feb 2, 2 mtgs
$60 nonrefundable; no refund after Feb 5.
Angela Woodward, BLSA, landscape architect (CA 2126).

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.

Core Courses

Plant Identification and Taxonomy
X 424.4  Biology 4 units
In this course, species of trees, shrubs, wildflowers, and weeds—both native and non-native—are identified using living plant material and keys. Topics include botanical terminology, characteristics of major families, classification of plants, and the structure and use of plant identification keys. The course also covers how plants are named as well as how and why they are grouped together. Prerequisite: X 436.2 General Botany for Gardeners (preferred) or X 494 Introduction to Horticulture. Core course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.
Reg# 251259CA
Through Dec 6: $505 / After: $550
UCLA: 325 Botany
Tue 6:30-9:30pm, Jan 6-Mar 24, 12 mtgs
Darlene A. Pickell, ISA-certified arborist.

Soils and Fertilizers
X 493.2  Biology 4 units
This introductory course covers the physical, biological, and chemical properties of soils, as well as basic plant nutrition and fertilization. Soil conditions that affect plant-soil-air relations are discussed, including the effects of soil color, texture, and drainage. Other topics include the texture, structure, and classification of soils; the use of soil amendments to improve soils; and the properties and applications of fertilizers. Prerequisite: X 496.2 General Botany for Gardeners or X 454 Introduction to Horticulture. Core course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.
Reg# 251261CA
Through Dec 7: $505 / After: $550
UCLA: 325 Botany
Wed 6:30-9:30pm, Jan 7-Mar 25, 12 mtgs
Gretchen Renshaw, horticulturist.

Introduction to Horticulture
X 404  Biology 4 units
Designed for beginners and experienced gardeners, this course covers the basics of garden care and provides the student with the knowledge to solve many of the problems commonly faced in keeping plants healthy. Topics include soils and soil amendments; fertilizers; plant physiology and identification methods; pruning, pest and staking techniques; turf grasses; pest selection guidelines; and pest and disease control. This course also includes a brief history of horticulture and an introduction to taxonomy. Students are encouraged to bring plants for identification and discussion. Includes field trips. Core course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.
Reg# 251262CA
Through Dec 8: $505 / After: $550
UCLA: 325 Botany
Thu 6:30-9:30pm, Jan 8-Mar 26, 12 mtgs
Darlene A. Pickell, ISA-certified arborist.

Elective Courses

UPDATED FOR 2015

Introduction to Drip Irrigation
X 472.12D  Architecture 3 units
Prerequisite: A working knowledge of irrigation and plant design is required. Elective course in Landscape Architecture and Horticulture and Gardening Certificate. Internet access required to retrieve course materials. For more information see page 108.
Reg# 251247CA
Through Dec 6: $855 / After: $920
UCLA: 325 Botany
Mon 7-10pm, Jan 5-Mar 5, 9 mtgs
Mark S. Susser, landscape architect (CA 5809).

History of the Designed Landscape II
X 472.6B  Architecture 4 units
Formerly History of Landscape Architecture II. Required course in Landscape Architecture Certificate. Elective course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials. For more information see page 108.
Reg# 251247CA
Through Dec 6: $800 / After: $860
UCLA: 325 Botany
Mon 7-10pm, Jan 5-Mar 5, 9 mtgs
Mark S. Susser, landscape architect (CA 5809).

Scientific illustration and Plant Identification
X 494.65  Architecture 3 units
This course is in addition to the core program plant materials courses. Elective course in Landscape Architecture, and Horticulture and Gardening. Students must provide their own transportation. Internet access required to retrieve course materials. For more information see page 108.
Reg# 251282CA
Through Jan 6: $850 / After: $900
San Gabriel: San Gabriel Nursery & Florist, 632 S. San Gabriel Blvd.
Sun 10am-4pm, Feb 8
Long Beach: Earl Burns Miller Japanese Garden, CSULB, 1250 Bellflower Blvd.
Sun 10am-4pm, Feb 22
UCLA: Mildred E. Mathias Botanical Garden
Sat 10am-4pm, Mar 7
Sunland: Valley Crest Tree Company, 9500 Foothill Blvd.
Sun 10am-4pm, Mar 22, 4 mtgs
David W. Squires, for credits see page 108.

Plant Propagation for Gardeners
X 497.35  Biology 4 units
This course emphasizes both the science and art of plant propagation. Learn the science behind plant propagation and then apply that knowledge by propagating a wide variety of plants. Hands-on exercises cover a multitude of propagation methodologies and demonstrate different tools and techniques. Participants practice these techniques in class to assimilate the art of propagation. Held at The Learning Garden at Venice High School, one of the country’s largest and most successful school gardens. Elective course in Horticulture and Gardening Certificate. Internet access required to retrieve course materials.
Reg# 251262CA
Through Dec 11: $505 / After: $570
Venice: The Learning Garden at Venice High School, 13000 Venice Blvd.
Sun 1:30-4:30pm, Jan 11-Mar 29, 10 mtgs
(no mtg 1/18 & 2/15)
David King, Gardenmaster/Director, The Learning Garden Foundation.