

# Landscape Architecture and Environmental Planning

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## Overview

We encourage students to practice critical thinking, creativity, analysis, and practical understanding. As a result, our graduates are prepared to serve as design and planning leaders around the world and help communities increase their resilience in a rapidly changing economic, social, and ecological context. We offer a variety of degrees to meet students' various educational and career goals, preparing them to be leaders in landscape architectural and environmental planning practice, research, or related fields.

The department of Landscape Architecture and Environmental Planning (LAEP) offers a Bachelor of Arts degree (BA) in Landscape Architecture. This program offers both a liberal arts oriented and pre-professional education. The department of Landscape Architecture and Environmental Planning offers a minor in the History and Theory of Landscape Architecture and Environmental Planning. The department also co-sponsors the Sustainable Design minor with the department of Architecture.

At the graduate level, the department offers a Master of Landscape Architecture (a professional degree requiring two or three years, depending on the student's incoming background), with the option to specialize in Landscape Design Environmental Planning, and a PhD in landscape architecture and environmental planning.

Understanding the need for professionals with the knowledge and skills of more than one discipline, the Department of Landscape Architecture and Environmental Planning offers concurrent master's degree programs with the other departments in the College of Environmental Design. Please see the links below for further information:

- Building and Site Design/Ecological Factors (MLA/MArch)
- Environmental Planning (MLA/MCP)
- Urban Design (MLA/MCP)

For questions about any of the concurrent programs, contact the LAEP Graduate Office at [laepgrad@berkeley.edu](mailto:laepgrad@berkeley.edu).

## Licensure and Accreditation

The BA degree is certified by the State of California and counts as part of the education/experience requirement of the Uniform National Examination (U.N.E.) as well as for the Landscape Architects Registration Examination (L.A.R.E.) for licensure. Please visit the Landscape Architects Technical Committee (<http://www.latc.ca.gov>) and the Council of Landscape Architectural Registration Boards (<https://www.clarb.org>) for more information about licensure in California.

## Landscape Architecture and Environmental Planning Lecture Series

The Department of Landscape Architecture and Environmental Planning sponsors a lecture series, which offers students the opportunity to hear internationally-acclaimed speakers. These speakers often also participate in classes and seminars as part of their visit to campus. For a schedule

of speakers and events in this lecture series, please see the College of Environmental Design (CED) website (<http://ced.berkeley.edu/events-media/lecture-series/land-lectures-spring-2014>).

## Undergraduate Programs

Landscape Architecture (<http://guide.berkeley.edu/archive/2014-15/undergraduate/degree-programs/landscape-architecture>) : BA  
History and Theory of Landscape Architecture and Environmental Design (<http://guide.berkeley.edu/archive/2014-15/undergraduate/degree-programs/landscape-architecture>) : Minor  
Sustainable Design (<http://guide.berkeley.edu/archive/2014-15/undergraduate/degree-programs/sustainable-design>) : Minor (offered in conjunction with the Department of Architecture)

## Graduate Programs

Master of Landscape Architecture (<http://guide.berkeley.edu/archive/2014-15/graduate/degree-programs/landscape-architecture-environmental-planning>) (MLA)  
Landscape Architecture and Environmental Planning (<http://guide.berkeley.edu/archive/2014-15/graduate/degree-programs/landscape-architecture-environmental-planning>) : PhD

## Landscape Architecture and Environmental Planning

LD ARCH 1 Drawing a Green Future: Fundamentals of Visual Representation and Creativity 4 Units

This introductory studio course is open to all undergraduate students in the University, who want to investigate the process of drawing as a method to learn how to perceive, observe and represent the environment. This studio will encourage visual thinking as a formative tool for problem solving that provides a means to envision a sustainable future. The focus will be on the critical coordination between hand, mind and idea.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Summer:** 8 weeks - 4 hours of lecture and 12 hours of studio per week

### Additional Details

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

**Instructor:** Sullivan

**LD ARCH 12 Environmental Science for Sustainable Development 4 Units**

The scientific basis of sustainability, explored through study of energy, water, food, natural resources, and built environment. Physical/ecological processes and systems, and human impacts from the global scale to local energy/resource use. Energy and water audits, opportunities to increase sustainability of processes/practices. Discussion/lab section involves field data collection/analysis (e.g., habitat characteristics and macroinvertebrate communities in local streams, measurement of atmospheric particulate matter concentrations, measurement of water savings from updated irrigation technologies) and a final, integrative sustainability assessment project.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

**Summer:** 8 weeks - 6 hours of lecture and 4 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**LD ARCH 24 Freshman Seminars 1 Unit**

The Berkeley Seminar Program has been designed to provide new students with the opportunity to explore an intellectual topic with a faculty member in a small-seminar setting. Berkeley Seminars are offered in all campus departments, and topics vary from department to department and semester to semester.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**LD ARCH 39A Freshman/Sophomore Seminar 2 - 4 Units**

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

**Rules & Requirements**

**Prerequisites:** Priority given to freshmen and sophomores

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam required.

**LD ARCH 84 Sophomore Seminar 1 or 2 Units**

Sophomore seminars are small interactive courses offered by faculty members in departments all across the campus. Sophomore seminars offer opportunity for close, regular intellectual contact between faculty members and students in the crucial second year. The topics vary from department to department and semester to semester. Enrollment limited to 15 sophomores.

**Rules & Requirements**

**Prerequisites:** At discretion of instructor

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format****Fall and/or spring:**

5 weeks - 3-6 hours of seminar per week

10 weeks - 1.5-3 hours of seminar per week

15 weeks - 1-2 hours of seminar per week

**Summer:**

6 weeks - 2.5-5 hours of seminar per week

8 weeks - 1.5-3.5 hours of seminar and 2-4 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** The grading option will be decided by the instructor when the class is offered. Final exam required.

**LD ARCH 98 Directed Group Study for Freshmen and Sophomores 1 - 4 Units**

Supervised group studies of various topics relevant to department that are not covered in depth by other courses. Topics may be initiated by students. Open to students in good standing who, in consultation with a faculty sponsor, present a proposal with clearly formulated objectives and means of implementation. Intended for exceptional students. Topics vary from semester to semester.

**Rules & Requirements**

**Prerequisites:** Department chair must approve written proposal

**Credit Restrictions:** Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-4 hours of directed group study per week

**Summer:**

6 weeks - 2.5-10 hours of directed group study per week

8 weeks - 1.5-7.5 hours of directed group study per week

10 weeks - 1.5-6 hours of directed group study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**LD ARCH 101 Fundamentals of Landscape Design 5 Units**

This studio introduces students to the programmatic, artistic, and technical aspects of land form and topographic adjustments to accommodate human use. Topics include pedestrian and vehicular circulation, conservation and addition of plant materials, movement of water, recreation use, and creation of views. Sculptural land forms will be emphasized through the use of topographic plans, sections, and contour models.

**Rules & Requirements**

**Prerequisites:** Environmental Design 11A-11B or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**LD ARCH 102 Case Studies in Landscape Design 5 Units**

This studio stresses the shaping and coordination of ideas from initial concept to complete design product. A product(s) of intermediate scale and complexity (such as a garden, small park, plaza, or campus courtyard) will be developed in detail including the selection of planting, selection of construction materials, and topographic design. Lecture modules on selected professional topics are integrated into this course.

**Rules & Requirements**

**Prerequisites:** 101 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Kullmann

**LD ARCH 103 Energy, Fantasy, and Form 5 Units**

This is an undergraduate studio with a central focus on climate modification for energy conservation. We will research historical precedents in order to develop new garden forms for passive green designs. We will also explore how past cultures integrated metaphysics into their gardens as an adjunct to microclimate and habitat design. The contemporary landscape should be a balanced interweaving of proportion, function, comfort, energy conservation, and enlightenment. Additionally, we will study the choreography of space and investigate how to animate the landscape through the creative interpretation of text and film. Many new and exciting opportunities lie ahead for the creation of garden forms that not only conserve energy, but are also works of art and places of spiritual renewal.

**Rules & Requirements**

**Prerequisites:** 101, 102, Environmental Design 11A-11B, (ARCH 100A or 100B for Architecture students) or by consent of instructor

**Repeat rules:** Course may be repeated for a maximum of 8 units.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Sullivan

**LD ARCH 110 Ecological Analysis 3 Units**

Analysis of environmental factors, ecosystem functions, and ecosystem dynamics, as related to decision-making for landscape planning and design.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** McBride

**LD ARCH 110L Ecological Analysis Laboratory 2 Units**

Introduction to field techniques for assessment of landscape factors. Factors include topography, geology, climate, soil, hydrology, flora, vegetation, and wildlife.

**Rules & Requirements**

**Prerequisites:** Landscape Architecture 110 (may be taken concurrently)

**Hours & Format**

**Fall and/or spring:** 15 weeks - 4 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** McBride

**LD ARCH 111 Plants in Design 3 Units**

Through lecture, research, and studio assignments, this course introduces the use of plants as design elements in the landscape, from the urban scale to the site-specific scale, focusing on the public open space. By analyzing historic, contemporary, and Bay Area examples, the course examines the spatial, visual, and sensory qualities of vegetation, as well as the interplay with ecological functions and engineering uses of plants.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**LD ARCH 112 Landscape Plants: Identification and Use 4 Units**

This course is an introduction to the identification and recognition, as well as design applications and uses, of plants in the landscape. Through lectures, assignments, and fieldwork, the course provides class participants with an appreciation of the importance of vertical vegetation as a design element. Students will be introduced to a variety of built projects and plants commonly used in Bay Area landscapes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**LD ARCH 120 Topographic Form and Design Technology 3 Units**

Technical, graphic and computational exercises, and studio problems in topographic site design and the shaping of the site for surface drainage.

**Rules & Requirements**

**Prerequisites:** 102 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 2 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Jewell

**LD ARCH 121 Design in Detail: Introduction to Landscape Materials and Construction 4 Units**

This course introduces the visual and physical characteristics of landscape construction materials including, but not limited to, stone, brick, concrete, metal, asphalt, and wood. Additionally, lectures cover the production and availability of these materials, any existing evaluations on their sustainability, and their potential impact on the immediate environment. Students also learn to utilize standard sources of information on building materials and the terminology typically utilized when choosing and specifying construction materials. They become familiar with dimensional standards for landscape structures, including pavements, stairs, furnishings, retaining walls, freestanding walls, fences, decks, and small overhead structures.

**Rules & Requirements**

**Prerequisites:** 101, Architecture 100A, or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1.5 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Jewell

**LD ARCH 122 Environmental Science for Sustainable Development 4 Units**

Topics include the scientific basis of sustainability, explored through study of energy, water, food, natural resources, and the built environment; physical/ecological processes and systems, and human impacts from the global scale to local energy/resource use; and energy and water audits of the Berkeley campus, opportunities to increase sustainability of processes/practices. Discussion/lab section involves data collection/analysis (e.g., Strawberry Creek, atmospheric particulates) and integrative sustainability assessment projects.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**LD ARCH 130 Sustainable Landscapes and Cities 4 Units**

This course is an introduction to issues of sustainability in the designed landscape and in our cities. It includes environmental history as well as contemporary social, environmental and political issues surrounding sustainable design and activism. The course stresses motives and values expressed through environmental design at various scales – from neighborhood to global and examines problems affecting healthy environments and their solutions. Students study the need for protection and restoration of healthy ecological systems within the design of cities and landscapes and discuss ways to enable these systems to thrive. Readings and discussions focus on means to evaluate, create and advocate for healthy, sustainable environments.

**Objectives & Outcomes**

**Course Objectives:** This course is an important elective to majors in the College of Natural Resources and CED students who have Architecture and City Planning majors. A new CED major, Sustainable Environmental Design (SED), has increased the number of students who require this class. It also fulfills the Social and Behavioral breadth requirement. Therefore, it is clear that the course enrollment should be increased to accommodate students from both inside and outside the CED. This course offers students the opportunity to examine a specific range of sustainable design interventions that attempt to address primary problems related to climate change, the need for healthy watersheds, adequate food security and socially resilient communities in the face of rapid environmental change. Students will see the complexity of various aspects and approaches required of sustainable design and occasionally competing goals of a project.

**Student Learning Outcomes:** On the required field trip to San Francisco, students will be able to see and critique the efficacy of policy; of existing and emerging landscape design technology; to observe interventions intended to assist existing natural systems in urban environments and promote their viability; to see the value of community building to help establish resilient neighborhoods; to become verbally articulate about these issues. Students will learn about and discuss the inter-connectedness of natural systems overlapped by human habitation. They will learn about design that can facilitate positive social systems and how the combination of ecological and social communities can present answers to some of the pressing environmental problems we face. Students will learn how various design strategies involve land preservation, watershed protection and restoration; local food production networks; resilient neighborhood design through community participation in open space design; pedestrian and bicycle friendly streets, urban forestry; reducing the waste stream.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Summer:** 8 weeks - 6 hours of lecture and 2 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Stryker

LD ARCH 131 Implementation of Sustainable Landscape Design 1 Unit  
Course will explore Bay Area built landscape projects intended to promote sustainable landscapes and urban environments. Site visits plus lectures/discussion. Instructor to present specific problems and how policy, planning, and design can address them. Site visits allow students to examine issues and solutions for sustainable environments. Class meetings include discussion with designers and policy makers as well as readings.

**Rules & Requirements**

**Prerequisites:** Minimum of one life science course advised

**Hours & Format**

**Fall and/or spring:** 15 weeks - 4 hours of fieldwork per week

**Summer:** 8 weeks - 4 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Stryker

LD ARCH 132 Computer Applications in Environmental Design 4 Units  
This course introduces students to the use of computers in Landscape Architecture and Environmental Design. It develops applied computing skills in Web publishing, Computer Aided Design (CAD), image scanning, and Geographic Information Systems (GIS). CAD is emphasized in the first half of the semester and includes: 2D and 3D modeling, object rendering, integration of images, fly-through movies, and solar studies. The rest of the semester expands spatial design, graphics, and virtual modeling by integrating support information from geographic information systems (GIS), digital ortho-photos (DOP/DOQ), and global positioning systems (GPS). Lecture time is spent discussing problems and solutions of data: acquisition, accuracy, representation, modeling, and communication in landscape design. The lab/studio seeks innovative application of technology to medium- to large-scale landscape design problems. The focus of the lab/studio varies from semester to semester, but typical topics include garden design, park design, neighborhood design, open space design, and others.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3.5 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Radke

LD ARCH 132A Computer Applications for Environmental Design 2 Units  
This course consists of both a lecture and a "hands-on" laboratory session each week. The lecture is structured as a seminar in which the instructor and students discuss problems and CAD solutions in landscape design. The laboratory provides a practical introduction to some tools for spatial data manipulation in CAD.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 2 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Radke

LD ARCH 134A Drawing Workshop 1 3 Units  
This studio will elaborate on a number of studio themes while introducing the students to a variety of graphic mediums and drawing techniques. Measured drawing procedures (including orthographic projections) will be augmented by figure-ground principles and themes of contrast, color, chiaroscuro, and compositions. On-site and visits to galleries and museums will complement the studio sessions.

**Rules & Requirements**

**Prerequisites:** Environmental Design 11A-11B or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 3 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Hood

**LD ARCH 134B Drawing Workshop II 3 Units**

This course introduces students to digital tools relevant to the discipline of landscape architecture. The course encompasses a series of lectures, lab exercises, and projects designed to equip students with a solid and expandable computing skill base relevant to the learning and practice of landscape architecture. Beyond technical competency, particular emphasis is placed on empowering students to move freely and creatively between software programs as an effective way of representing landscape.

**Rules & Requirements**

**Prerequisites:** Environmental Design 11A-11B or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 2 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Kullmann

**LD ARCH 135 The Art of Landscape Drawing 3 Units**

This course develops freehand drawing as an integral part of the creative process and as an expressive design tool. A broad range of exercises is employed to help students progressively gain creativity, skill, and confidence in their drawing. Various media such as ink, colored pencils, and watercolor are explored as a method to design innovative landscapes. A variety of presentation techniques will be investigated for communicating landscape design. In addition to field sketching, there will be excursions to art galleries, artists' studios, and other creative environments. Through the integration of drawing with intuition and imagination, students will be able to bring their visions to reality.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 4 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Sullivan

**LD ARCH 136 Advanced Landscape Delineation 3 Units**

Imagination is the foundation for creative expression in the landscape. This course encourages exploration and personal expression for the realization of new landscape forms. This laboratory intends to refine drawing compositional skills by fostering imagination, intuition, and creativity. The media explored will be pen and ink, watercolor, collage, and 3-dimensional construction. We will study the human figure through analytical drawings and live models. The realms of moving images, the landscape of the animated cartoon, and the sequential art of the comic will be investigated.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 4 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Sullivan

**LD ARCH 138 Analysis of Metropolitan Form 3 Units**

The extraordinary cultural diversity of San Francisco Bay Area shapes the everyday experience of most of its residents. We discuss the process of urbanization in the context of history, culture, and natural resources to better understand how the region is expected to accommodate its share of California's growing population, while addressing the human-induced consequences of climate change, and strategies for overcoming social and functional segregation - visions for a sustainable region.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Bosselmann

**LD ARCH 138AC The Metropolitan Landscape 3 Units**

The extraordinary cultural diversity of San Francisco Bay Area shapes the everyday experience of most of its residents. We discuss the process of urbanization in the context of history, culture, and natural resources to better understand how the region is expected to accommodate its share of California's growing population, while addressing the human-induced consequences of climate change, and strategies for overcoming social and functional segregation--visions for a sustainable region.

**Rules & Requirements**

**Credit Restrictions:** Students will receive no credit for Landscape Architecture 138AC after taking Landscape Architecture 138.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**Instructor:** Bosselmann

**LD ARCH 140 Social and Psychological Factors in Open Space Design 3 Units**

User-oriented approach to design. Post-occupancy evaluation as a tool for understanding use of designed open spaces. Design as a communication process. Environmental needs of vulnerable populations--children, elderly, disabled, low-income families. Personal and societal environmental values.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of lecture and 1.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**LD ARCH 141AC The American Landscape: Multicultural Difference and Diversity 3 Units**

This course will compare and contrast the nature of African American, American Indian, and European American relationships with the American Landscape. Traditional patterns of land use within each subculture will be explored, and juxtaposed against prevailing theory and ideology. Social patterns of use, perception, attached meaning and sense of place, and the transformation of the environment as the result of social change are some of the topics to be discussed.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Hood

**LD ARCH 160 Professional Practice Seminar 3 Units**

Survey and analysis of professional practice in landscape architecture focusing on: the context of professional practice--office structure, public, private and non-profit practice, marketing, project management and delivery; the legal parameters of practice--contracts, codes, planning regulations, project approval processes, liability; and economics--budgeting, profits, project development costs, fiscal impacts, and financing.

**Rules & Requirements**

**Prerequisites:** 161 or graduate standing

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam not required.

**LD ARCH 170 History and Literature of Landscape Architecture 3 Units**

This course surveys the history of landscape architecture in four realms: 1) gardens; 2) urban open space, that is, plazas, parks, and recreation systems; 3) urban and suburban design; and 4) regional and environmental planning. The course will review the cultural and social contexts which have shaped and informed landscape architecture practice and aesthetics, as well as the environmental concerns, horticultural practices, and technological innovations of historic landscapes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Mozingo

**LD ARCH C171 The American Designed Landscape Since 1850 3 Units**  
 This course surveys the history of American landscape architecture since 1850 in four realms: 1) urban open spaces--that is squares, plazas, parks, and recreation systems; 2) urban and suburban design; 3) regional and environmental planning; 4) gardens. The course will review the cultural and social contexts which have shaped and informed landscape architecture in the United States since the advent of the public parks movement, as well as, the aesthetic precepts, environmental concerns, horticultural practices, and technological innovations of American landscapes. Students will complete a midterm, final, and a research assignment.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Mozingo

**Also listed as:** AMERSTD C171

**LD ARCH C177 GIS and Environmental Spatial Data Analysis 4 Units**  
 This course offers an introduction to spatial data analysis. It integrates ArcGIS analysis with spatial statistical analysis for the study of pattern and process applicable to a wide variety of fields. Major topics covered include: spatial sampling, processing data with ARC Info, exploratory GIS analysis, spatial decomposition, spatial point patterns and Ripley's K function, spatial autocorrelation, geostatistics, spatially weighted regression, spatial autoregression, generalized linear models and generalized linear mixed models.

**Rules & Requirements**

**Prerequisites:** Requirements are course in GIS and a course in probability and statistics. We invite participation of undergraduates and graduate students from: ESPM, Landscape Architecture & Environmental Planning, City and Regional Planning, IB, Civil Engineering, Energy and Resources Group, Public Health, Earth and Planetary Science, and other campus departments or units with students interested in learning and using spatial analysis for the environment- both natural and built

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

**Instructors:** Biging, Radke

**Also listed as:** ESPM C177

**LD ARCH C188 Geographic Information Systems 4 Units**  
 This course introduces the student to the rapidly expanding field of Geographic Information Systems (GIS). It addresses both theory and application and provides the student with a dynamic analytical framework within which temporal and spatial data and information is gathered, integrated, interpreted, and manipulated. It emphasizes a conceptual appreciation of GIS and offers an opportunity to apply some of those concepts to contemporary geographical and planning issues.

**Rules & Requirements**

**Prerequisites:** Some computer experience

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Radke

**Formerly known as:** C188X

**Also listed as:** GEOG C188

**LD ARCH 197 Field Study in Landscape Architecture 2 - 3 Units**  
 See departmental information sheet for limitations. Supervised experience relative to specific aspects of landscape architecture. Regular individual meetings with faculty and outside sponsor. Reports required.

**Rules & Requirements**

**Prerequisites:** Upper division standing and consent of instructor and sponsor

**Repeat rules:** Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2-3 hours of fieldwork per week

**Summer:**

6 weeks - 5-7.5 hours of fieldwork per week

8 weeks - 3.5-5.5 hours of fieldwork per week

10 weeks - 3-4.5 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**LD ARCH 198 Directed Group Study 1 - 4 Units**

Enrollment restrictions apply.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** No more than 4 units allowed each semester. Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-4 hours of directed group study per week

**Summer:**

6 weeks - 2.5-10 hours of directed group study per week

8 weeks - 1.5-7.5 hours of directed group study per week

10 weeks - 1.5-6 hours of directed group study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**LD ARCH 199 Supervised Independent Study and Research 1 - 4 Units**

Enrollment restrictions apply.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-4 hours of independent study per week

**Summer:**

6 weeks - 2.5-10 hours of independent study per week

8 weeks - 1.5-7.5 hours of independent study per week

10 weeks - 1.5-6 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam not required.

**LD ARCH 200A Fundamentals of Landscape Design 5 Units**

This studio introduces students to the programmatic, artistic, and technical aspects of land form and topographic adjustments to accommodate human use. Topics include pedestrian and vehicular circulation, conservation and addition of plant materials, movement of water, recreation use, and creation of views. Sculptural land forms will be emphasized through the use of topographic plans, sections, and contour models.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Hill

**LD ARCH 200B Case Studies in Landscape Design 5 Units**

This studio stresses the shaping and coordination of ideas from initial concept to complete design product. A product(s) of intermediate scale and complexity (such as a garden, small park, plaza, or campus courtyard) will be developed in detail including the selection of planting, selection of construction materials, and topographic design. Lecture modules on selected professional topics are integrated into this course.

**Rules & Requirements**

**Prerequisites:** Landscape Architecture 200A

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Hood

**Formerly known as:** Landscape Architecture 102

**LD ARCH 201 Ecological Factors in Urban Landscape Design 5 Units**  
Through lectures, studio problems, research projects, and discussion, this course will explore the challenge and potential incorporating ecological factors in urban contexts. The course focuses on the interaction of landscape science (hydrology, geology, etc.) with the necessities and mechanisms of the human environment (urban design, transportation, economics, etc.). Lectures and research projects will particularly emphasize innovative and forward thinking solutions to the ecological problems of the human environment. Throughout the semester, reading and discussion sessions will highlight the connections between the broader concerns of the global ecological crisis and landscape design and planning.

**Rules & Requirements**

**Prerequisites:** 110, 134A-134B, or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 202 Design of Landscape Sites 5 Units**

A site design studio stressing the shaping and coordination of ideas from initial concept to complete design of open space in various contexts. Typical projects will be of an intermediate scale and might include a park, plaza, museum sculpture garden, playground, office park, or housing project. Modules on social factors and planting design are included.

**Rules & Requirements**

**Prerequisites:** 201 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Jewell

**LD ARCH 203 Landscape Project Design 5 Units**

A site design studio stressing the shaping and coordination of ideas from initial concept to the thoughtful execution of design ideas at the site scale. Typical projects will focus on the experiential rather than the pictorial. Projects might include a park, plaza, or rehabilitation of a brownfield site.

**Rules & Requirements**

**Prerequisites:** 201, or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 204 Advanced Project Design 5 Units**

Special topics in the design and planning of the landscape. The focus of the studio varies from semester to semester. Possible topics include community design, educative environments, landscape as art, park design, or energy-conserving design. For current offerings, see department announcement.

**Rules & Requirements**

**Prerequisites:** 201 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Meyer

**LD ARCH 205 Environmental Planning Studio 5 Units**

Application of environmental planning principles to a complex problem involving a variety of environmental criteria and desired land uses in a complex institutional and political setting. Student teams will identify needed data, assess environmental developmental problems, weigh competing uses, and prepare an environmental management plan.

**Rules & Requirements**

**Prerequisites:** 201 or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructors:** Radke, Kondolf

**LD ARCH 206 Final Project Preparation Studio: Thesis and Reports 5 Units**

This is a spring studio for students to work on final projects (theses and professional reports). The studio, including lectures by the instructor, is meant to train and assist students in thesis or professional project research and help them in finalizing their thesis or professional report topic. The course includes weekly exercises ranging from writing articles documenting, illustrating, and critiquing landscapes to finally producing a thesis or professional report.

**Rules & Requirements**

**Prerequisites:** 252 and graduate standing

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 6 hours of studio per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Mozingo

**LD ARCH 221 Quantitative Methods in Environmental Planning 3 Units**  
Discussion and critique of the application of quantitative methods to environmental assessment, analysis, and evaluation in environmental planning. Topics to include geographical information systems and data bases, remote sensing, and multivariate analysis. This course emphasizes computer applications and data analysis.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of lecture and 3 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Radke

**LD ARCH 222 Hydrology for Planners 4 Units**  
This course presents an overview of relevant hydrologic, hydraulic, and geomorphic processes, to provide the planner and ecologist with insight sufficient to coordinate with technical specialists in the field of hydrology. In addition, relevant regulations and policies are reviewed.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Kondolf

**LD ARCH 223 Introduction to California Landscapes 1 Unit**  
Introduction to the ecology, visual characteristics, land use, and design history of the major landscape regions in California.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Instructor:** McBride

**LD ARCH 225 Urban Forest Planning and Management 3 Units**  
Introduction to the field of urban forestry, its history, and its role in contemporary towns and cities. Emphasis on planning and management of the urban forest, restoration of old parks, street trees, and community participation.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** McBride

**LD ARCH 226 Landscape Design Construction 2 Units**  
The course investigates the process of developing schematic landscape design proposals into constructed landscapes. Emphasis will be placed on understanding the durability of materials and design details, the efficient use of materials, and the ability to evaluate how material selection and detailing can impact the environment. Field trips to construction sites, manufacturing facilities, and built landscapes will be included.

**Rules & Requirements**

**Prerequisites:** 121 (may be taken concurrently)

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Jewell

**LD ARCH 227 Restoration of Rivers and Streams 3 Units**

This course reviews the underlying goals and assumptions of river and stream restoration projects, reviews techniques employed in these efforts, and emphasizes strategies for evaluation of project success. The course focuses on geomorphic and hydrologic analyses relevant to restoration and enhancement of aquatic and riparian habitat in freshwater systems. Format: lectures by instructor, guest lectures, presentation of student independent projects, and field trips. Course requirement: independent term project involving original research.

**Rules & Requirements**

**Prerequisites:** Prior background in hydrology, geomorphology, ecology, restoration, or consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Kondolf

**LD ARCH 228 Research in Environmental River Planning, Management, and Restoration 1 Unit**

This course consists of (1) presentation by students of proposals, progress reports, and final results of their independent research projects, and (2) reviews of recently published research papers in the field.

Students review recent issues of specific journals for all papers relevant to environmental river planning, management and restoration, and report on the papers to the seminar, broadly reviewing all the relevant papers and going into depth on one. Emphasis is on research methods and new findings. Oral presentation skills are also critiqued. Requirement: one or two oral presentations, accompanied by a 2-page handout.

**Rules & Requirements**

**Prerequisites:** Open to all graduate students interested in the field

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Instructor:** Kondolf

**LD ARCH C229 Mediterranean-Climate Landscapes 1 - 3 Units**

Comparative study of environmental conditions and human responses thereto in California and other Mediterranean-climate regions, with intensive treatment of a topic in environmental sciences, policy, planning, management, and/or landscape architecture, with application to California, Portugal, or other Mediterranean-climate regions. Students collect and analyze relevant data, synthesize, and complete technical reports, plans, and/or designs.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Kondolf

**Also listed as:** IAS C229

**LD ARCH C231 Environmental Planning and Regulation 3 Units**

This course will examine emerging trends in environmental planning and policy and the basic regulatory framework for environmental planning encountered in the U.S. We will also relate the institutional and policy framework of California and the United States to other nations and emerging international institutions. The emphasis of the course will be on regulating "residuals" as they affect three media: air, water, and land.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Corburn

**Also listed as:** CY PLAN C251

**LD ARCH 232 The Landscape As a Sacred Place 3 Units**

Visual and cultural analysis of landscapes, inventory procedures for "place" values, and problems related to sustainable design development, with special emphasis on highly valued places.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 237 The Process of Environmental Planning 3 Units**

A review of the techniques used in environmental planning, and evaluation of alternate means of implementation in varying environmental and political circumstances. The class will examine and critique a number of well-known environmental planning programs and plans. Lectures and discussion will address recurrent planning problems, such as the limitations of available data, legal and political constraints on plans, conflicts among specialists.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Hill

**LD ARCH C241 Research Methods in Environmental Design 4 Units**

The components, structure, and meaning of the urban environment. Environmental problems, attitudes, and criteria. Environmental survey, analysis, and interview techniques. Methods of addressing environmental quality. Environmental simulation.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Bosselmann

**Formerly known as:** Interdepartmental Studies 241

**Also listed as:** CY PLAN C241

**LD ARCH C242 Citizen Involvement in the City Planning Process 3 Units**

An examination of the roles of the citizens and citizen organizations in the city planning process. Models for citizen involvement ranging from advising to community control. Examination of the effectiveness of different organizational models in different situations.

**Rules & Requirements**

**Credit Restrictions:** Students will not receive credit for C242 after taking City and Regional Planning 208, Interdepartmental Studies 206 Fall 1990, and Interdepartmental Studies 206 Fall 1991.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Formerly known as:** Interdepartmental Studies 223

**Also listed as:** CY PLAN C261

**LD ARCH C250 Theories of Urban Form and Design 3 Units**

Theories and patterns of urban form throughout history are studied with emphasis on the role of planning and design in shaping cities and the relationship between urban form and social, economic, and geographic factors. Using a case study approach, cities are evaluated in terms of various theories and performance dimensions.

**Rules & Requirements**

**Prerequisites:** Consent of instructor

**Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Macdonald

**Also listed as:** CY PLAN C240

**LD ARCH 251 Theories of Landscape Architecture and Environmental Planning 2 Units**

The focus will be on debate and discussion of central ideas in landscape architecture and environmental planning, drawing on primary literature over many decades of thought. This is not a history course, but it will include some literature that goes back to the early years of the field. This course covers the breadth of thinking in the field, including both environmental planning and landscape design as well as other sub disciplines. Each week students will lead a debate on a different theoretical issue.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Mozingo

**LD ARCH 252A Thesis and Professional Project Proposal Seminar 2 Units**

Students learn research methods including social factors, historical/archival, design exploration, master planning, theoretical, and scientific field work. Students develop a conceptual framework, survey instrument, literature review, and detailed work plan. A full committee and funding proposal due on the last day of class.

**Rules & Requirements**

**Prerequisites:** Proposal must be submitted prior semester and approved by LAEP Curriculum Committee

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of session per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 252B Thesis and Professional Project Proposal Seminar 3 Units**

Students learn research methods including social factors, historical/archival, design exploration, master planning, theoretical, and scientific field work. Students develop a conceptual framework, survey instrument, literature review, and detailed work plan. A full committee and funding proposal due on the last day of class.

**Rules & Requirements**

**Prerequisites:** 252A

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of seminar and 1.5 hours of discussion per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 253 Landscape Architecture and Environmental Planning Colloquium 1 Unit**

Invited lectures on current research, planning practice, and design projects. Out of approximately 14 presentations per term, typically two or three would be by department faculty, two or three by graduating students, the remainder by outside speakers.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1.5 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 254 Topics in Landscape Architecture and Environmental Planning 1 - 5 Units**

Designed to be a forum for presentation of student research, discussions with faculty researchers and practitioners, and examination of topical issues in landscape architecture and environmental planning. Topics will be announced at the beginning of each semester.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-5 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 255 Doctoral Seminar in Environmental Planning 1 Unit**  
Designed to be a forum for presentation of doctoral student research, discussions with faculty researchers and environmental planning practitioners, and examination of topical issues in environmental planning. Topics will be announced at the beginning of each semester.

**Rules & Requirements**

**Prerequisites:** Doctoral student or consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 8 weeks - 3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 257 Special Topics in Design 1 - 3 Units**

Research seminar on selected topics in landscape design. Seminars will focus on the theoretical foundations and practical applications of design and planning methods as well as emerging issues in the discipline. Seminars will include lectures by the faculty member offering the course, guest lecturers, student presentations, and discussions. Readings and requirements vary from year to year based on the topic and instructor.

**Rules & Requirements**

**Prerequisites:** Graduate standing or consent of instructor

**Repeat rules:** Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-3 hours of seminar per week

**Summer:**

6 weeks - 1-3 hours of seminar per week

8 weeks - 1-3 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** The grading option will be decided by the instructor when the class is offered.

**LD ARCH 258 California Water: An Interdisciplinary Seminar 1 Unit**

This seminar studies California water issues from an interdisciplinary perspective, building upon the established California Colloquium on Water, to increase understanding and appreciation of water resources and contribute to informed decision-making about water in California. Each semester four distinguished scholars in the fields of humanities, natural sciences, engineering, social sciences, law, and environmental design present lectures to students, faculty, and the general public. Students in the seminar attend the colloquium lectures, complete background readings, and meet for two hours on alternate weeks in the seminar session to discuss issues raised by the colloquium presentations and related readings. Course requirements: attendance at colloquia, attendance and participation in seminars, completion of course readings, brief written critiques of lectures, and a short presentation of literature relevant to colloquium topics.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 8 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Instructor:** Kondolf

**LD ARCH 271 The Literature of the Landscape Architecture Profession 2 Units**

The class will investigate the ideas in landscape architecture through the study of Landscape Architecture Magazine (LAM), the discipline's primary American professional magazine. The class will focus on comparing LAM's recent topics with the content it has covered since its premier 1911 issue. Major trends in values, theories and methods in the magazine articles will also be related to other design and planning publications. The intent is to gain insight into the evolving focus of the landscape architecture profession and how it has responded to broader cultural movements, including urban design, regionalism, ecological values and methods, social values and processes, preservation/conservation issues, sustainability and artistic movements.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**Instructor:** Jewell

**LD ARCH 295 Supervised Research in Landscape Architecture and Environmental Planning 2 Units**

Supervised experience on a research project in landscape architecture and/or environmental planning. Regular meetings with faculty sponsor required. See departmental sheet for other limitations.

**Rules & Requirements**

**Prerequisites:** Graduate standing and appointment as a research assistant

**Credit Restrictions:** Any combination of 295 or 297 may be taken for a total of six units maximum toward the M.L.A degree.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 296 Directed Dissertation Research 1 - 12 Units**

Open to qualified students who have been advanced to candidacy for the Ph.D. degree and are directly engaged upon the doctoral dissertation.

**Rules & Requirements**

**Prerequisites:** Advancement to Ph.D. candidacy

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1-12 hours of independent study per week

**Summer:** 8 weeks - 1.5-22.5 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 297 Supervised Field Study 2 - 3 Units**

Supervised experience relative to specific aspects of practice in landscape architecture and/or environmental planning. Regular meetings with faculty and outside sponsor as well as final report required. See departmental information sheet for other limitations.

**Rules & Requirements**

**Prerequisites:** Graduate standing and consent of instructor and sponsor

**Credit Restrictions:** Any combination of 295 or 297 may be taken for a total of six units maximum toward the M.L.A. degree.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of fieldwork per week

**Summer:** 8 weeks - 3.5-5.5 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 298 Group Study 1 - 4 Units**

Special group studies. Topics to be announced at the beginning of each semester.

**Rules & Requirements**

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 299 Individual Research 1 - 6 Units**

Research work conducted preparatory to completion of the thesis or professional project as well as other approved research. A maximum of six units will be counted toward the M.L.A. degree. The six units allows for four units maximum for thesis or professional project research, and two units maximum for other approved research. See departmental information sheet for other limitations.

**Rules & Requirements**

**Prerequisites:** Graduate standing and consent of instructor

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Summer:**

6 weeks - 2.5-30 hours of independent study per week

8 weeks - 1.5-22.5 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate

**Grading:** Letter grade.

**LD ARCH 300 Supervised Teaching in Landscape Architecture and Environmental Planning 2 Units**

Supervised teaching experience in undergraduate courses. Regular meetings with faculty sponsor. See departmental sheet for other limitations.

**Rules & Requirements**

**Prerequisites:** Graduate standing and appointment as a Teaching Assistant

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 301 Methods of Teaching in Landscape Architecture and Environmental Planning 2 Units**

This course presents general pedagogical principles and methods adapted to teaching in the fields of landscape architecture, environmental planning, and environmental sciences. The format varies from week to week, but involves presentations by faculty and experienced graduate student instructors (GSIs), guided discussions, sharing of teaching experiences for current GSIs, discussion of readings on effective teaching, viewing of videos, and presentation by GSIs of sections for upcoming weeks. Required of all graduate students to be eligible for appointment as GSIs; may be taken concurrently with first GSI position for entering students. Topics include learning objectives, lesson plans, active learning, group learning, classroom diversity, assessing student learning, giving constructive feedback, teaching in the studio environment, engaging students through field exercises, grading, and composing effective tests.

**Rules & Requirements**

**Prerequisites:** Graduate student standing

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 375 Methods of Teaching in Landscape Architecture and Environmental Planning 2 Units**

This course presents general pedagogical principles and methods adapted to teaching in the fields of landscape architecture, environmental planning, and environmental sciences. The format varies from week to week, but involves presentations by faculty and experienced graduate student instructors (GSIs), guided discussions, sharing of teaching experiences for current GSIs, discussion of readings on effective teaching, viewing of videos, and presentation by GSIs of sections for upcoming weeks. Required of all graduate students to be eligible for appointment as GSIs; may be taken concurrently with first GSI position for entering students. Topics include learning objectives, lesson plans, active learning, group learning, classroom diversity, assessing student learning, giving constructive feedback, teaching in the studio environment, engaging students through field exercises, grading, and composing effective tests.

**Rules & Requirements**

**Prerequisites:** Graduate student standing

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Professional course for teachers or prospective teachers

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Formerly known as:** Landscape Architecture 301

**LD ARCH 601 Individual Study for Master's Students 1 - 8 Units**  
Individual study for final degree requirements in consultation with adviser.**Rules & Requirements**

**Prerequisites:** Last semester of residence in M.L.A. program

**Credit Restrictions:** Course does not satisfy unit or residence requirements for master's degree.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate examination preparation

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**LD ARCH 602 Individual Study for Doctoral Students 1 - 8 Units**  
Individual study in consultation with the major field adviser, intended to provide an opportunity for qualified students to prepare themselves for the various examinations required of candidates for the Ph.D.

**Rules & Requirements**

**Prerequisites:** For candidates for doctor's degree

**Credit Restrictions:** Course does not satisfy unit or residence requirements for doctoral degree.

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 0-0 hours of independent study per week

**Summer:** 10 weeks - 0-0 hours of independent study per week

**Additional Details**

**Subject/Course Level:** Landscape Architecture/Graduate examination preparation

**Grading:** Offered for satisfactory/unsatisfactory grade only.