

# Landscape Architecture and Environmental Planning

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The Department of Landscape Architecture and Environmental Planning offers a professional graduate degree, the Master of Landscape Architecture (MLA), and a Doctor of Philosophy (PhD) in Landscape Architecture and Environmental Planning.

## Master of Landscape Architecture (MLA)

The Master of Landscape Architecture degree is a professional degree accredited by the Landscape Architecture Accreditation Board, part of the American Society of Landscape Architects and qualifies graduates for licensure in California and elsewhere. The MLA program is certified as a STEM discipline. The program offers advanced education in landscape architecture and environmental planning from the scale of the site to the region to the ecosystem. The MLA requires a set of core courses for all students emphasizing cross-scalar analysis, representation, design, and planning. This core pedagogy forms the foundation for extended coursework in specialized aspects of landscape design and environmental planning.

## Doctor of Philosophy (PhD) in Landscape Architecture and Environmental Planning

The Doctor of Philosophy encompasses advanced research in the field of landscape architecture and environmental planning. It requires the development of original research that contributes to the theories, methods, and knowledge in the field. The program particularly emphasizes the development of research which applies social and ecological science methods to illuminate the complexities of decision-making regarding human alteration of the landscape and its outcomes for the local and global environment. The PhD degree in Landscape Architecture and Environmental Planning is appropriate for those seeking careers in academia, research institutions, and leadership roles in non-profits, government, and professional consultation.

## Admission to the University

### Minimum Requirements for Admission

The following minimum requirements apply to all graduate programs and will be verified by the Graduate Division:

1. A bachelor's degree or recognized equivalent from an accredited institution;
2. A grade point average of B or better (3.0);
3. If the applicant has completed a basic degree from a country or political entity (e.g., Quebec) where English is not the official language, adequate proficiency in English to do graduate work, as evidenced by a TOEFL score of at least 90 on the iBT test, 570 on the paper-and-pencil test, or an IELTS Band score of at least 7 on a 9-point scale (note that individual programs may set higher levels for any of these); and
4. Sufficient undergraduate training to do graduate work in the given field.

## Applicants Who Already Hold a Graduate Degree

The Graduate Council views academic degrees not as vocational training certificates, but as evidence of broad training in research methods, independent study, and articulation of learning. Therefore, applicants who already have academic graduate degrees should be able to pursue new subject matter at an advanced level without the need to enroll in a related or similar graduate program.

Programs may consider students for an additional academic master's or professional master's degree only if the additional degree is in a distinctly different field.

Applicants admitted to a doctoral program that requires a master's degree to be earned at Berkeley as a prerequisite (even though the applicant already has a master's degree from another institution in the same or a closely allied field of study) will be permitted to undertake the second master's degree, despite the overlap in field.

The Graduate Division will admit students for a second doctoral degree only if they meet the following guidelines:

1. Applicants with doctoral degrees may be admitted for an additional doctoral degree only if that degree program is in a general area of knowledge distinctly different from the field in which they earned their original degree. For example, a physics PhD could be admitted to a doctoral degree program in music or history; however, a student with a doctoral degree in mathematics would not be permitted to add a PhD in statistics.
2. Applicants who hold the PhD degree may be admitted to a professional doctorate or professional master's degree program if there is no duplication of training involved.

Applicants may apply only to one single degree program or one concurrent degree program per admission cycle.

## Required Documents for Applications

1. **Transcripts:** Applicants may upload *unofficial* transcripts with your application for the departmental initial review. Unofficial transcripts must contain specific information including the name of the applicant, name of the school, all courses, grades, units, & degree conferral (if applicable).
2. **Letters of recommendation:** Applicants may request online letters of recommendation through the online application system. Hard copies of recommendation letters must be sent directly to the program, by the recommender, not the Graduate Admissions.
3. **Evidence of English language proficiency:** All applicants who have completed a basic degree from a country or political entity in which the official language is not English are required to submit official evidence of English language proficiency. This applies to institutions from Bangladesh, Burma, Nepal, India, Pakistan, Latin America, the Middle East, the People's Republic of China, Taiwan, Japan, Korea, Southeast Asia, most European countries, and Quebec (Canada). However, applicants who, at the time of application, have already completed at least one year of full-time academic course work with grades of B or better at a US university may submit an official transcript from the US university to fulfill this requirement. The following courses will not fulfill this requirement:
  - courses in English as a Second Language,
  - courses conducted in a language other than English,

- courses that will be completed after the application is submitted, and
- courses of a non-academic nature.

Applicants who have previously applied to Berkeley must also submit new test scores that meet the current minimum requirement from one of the standardized tests. Official TOEFL score reports must be sent directly from Educational Test Services (ETS). The institution code for Berkeley is 4833 for Graduate Organizations. Official IELTS score reports must be sent electronically from the testing center to University of California, Berkeley, Graduate Division, Sproul Hall, Rm 318 MC 5900, Berkeley, CA 94720. TOEFL and IELTS score reports are only valid for two years prior to beginning the graduate program at UC Berkeley. Note: score reports can not expire before the month of June.

## Where to Apply

Visit the Berkeley Graduate Division application page (<http://grad.berkeley.edu/admissions/apply/>).

## Admission to the MLA Program

A bachelor's degree is the minimum requirement for admission to the graduate program. It is recommended that applicants have completed a minimum of one basic course each in the life, earth and social sciences. In addition, graphics and freehand drawing are strongly recommended for applicants with non-design backgrounds. The MLA 3D is accredited by the Landscape Architecture Accreditation Board part of the American Society of Landscape Architects. The department also offers two specialized advanced standing options for the accredited degree based on previous degrees, the MLA 2D and the MLA EP.

### MLA 3D: First Professional Degree

The three-year MLA degree (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/first-professional-degree/>) is the accredited first professional degree. This degree is for students without backgrounds in design, planning, or environmental science who wish to emphasize landscape design.

### MLA 2D: Advanced Standing Professional Degree

The two-year MLA degree (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/second-professional-degree/>) is an advanced standing option for students with first degrees in landscape architecture, architecture, or environmental design who wish to pursue graduate degrees specializing landscape design.

### MLA EP: Environmental Planning

The two-year MLA in environmental planning (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/environmental-planning/>) is an advanced standing option for students with first degrees in landscape architecture, architecture, the environmental sciences, city planning, or related degrees specializing in large-scale landscape planning and the application of geographic information science (GIS).

## Admission to the PhD Program

Admission is granted to a small number of individuals each year. Most successful applicants have completed a Master degree before entering.

Students with only a bachelor's degree should apply to the MLA program first or otherwise complete an appropriate Master degree before applying.

The PhD in Landscape Architecture and Environmental Planning provides an opportunity to pursue cutting edge research addressing important issues in planning for sustainability under conditions of increasing urbanization and changing climate. The program emphasizes development of theories and methods underlying the field, and the processes of planning and design as they relate to solution of problems in the natural and urban environment. The PhD degree is appropriate for students seeking careers in research, teaching, or specialized roles in government or professional consultation.

## Degree Requirements

Requirements for the PhD degree are 48 units of coursework selected to develop the student's specialization within the field, a two-year academic residency, reading knowledge of a foreign language relevant to the student's research, successful completion of a qualifying exam, and completion of a dissertation. Progress toward the degree is evaluated by the PhD committee each semester until the student advances to candidacy (normally by the end of the fifth semester), and by the student's dissertation committee thereafter.

## Curriculum

LD ARCH 255	Doctoral Seminar in Environmental Planning (Five semesters)	1
Individualized approved study list, as per student's research interest		27

## Research

PhD students conduct research to advance the field of environmental planning and landscape architecture, increasing the base of knowledge and theory in support of scholarship and professional practice. PhD students often take an interdisciplinary approach, drawing upon methods from diverse fields, to find proactive solutions to problems of sustainability in an increasing urban world subject to more extreme climate and rising sea levels, and addressing issues of equity and justice. PhD students apply cutting-edge mapping and analytical methods, along with social science approaches, to develop insights and planning tools that can serve to protect at-risk populations, enhance environmental quality and restore ecosystems, and improve social equity.

## Admissions Criteria

Admission to the PhD program is granted to a small number of highly qualified students, usually with strong backgrounds in natural and social sciences relevant to their research interests, and who will have completed a masters degree prior to entering the PhD program.

The Department of Landscape Architecture and Environmental Planning offers three Master of Landscape Architecture (MLA) degree options accredited by the Landscape Architecture Accreditation Board (LAAB) of American Society of Landscape Architects (ASLA) structured to provide advanced professional learning in landscape design and planning:

- The three-year MLA degree (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/first-professional-degree/>) is the first professional degree for students with non-design backgrounds.
- The two-year MLA degree (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/second-professional-degree/>) offers two advanced standing options for students with first degrees in

landscape architecture, architecture, or environmental design. There is a curriculum for students with an undergraduate degree in landscape architecture and a curriculum for students with an undergraduate degree in architecture or environmental design.

- The two-year environmental planning (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/master-of-landscape-architecture/environmental-planning/>) is an advanced standing option for students with first degrees in landscape architecture, architecture, the environmental sciences, city planning, or related degrees.

## Degree Requirements

Students are required to select and complete one of two plans for the degree: Plan I—Thesis, or Plan II—Comprehensive Exam (professional project or designated studio.) The thesis is for students who wish to do original research on a problem in landscape architecture or environmental planning. The thesis committee is composed of two faculty members from the Department of Landscape Architecture and Environmental Planning and a third faculty member from another department at Berkeley. The comprehensive exam format can be either a professional project or a designated studio that demonstrates broad competence plus the concepts and skills necessary to the field of landscape architecture. The professional project comprises a real-world project. The professional project committee is comprised of two faculty members (the committee chair must be a faculty member from the Department of Landscape Architecture and Environmental Planning) and an optional third member from outside the University community affiliated with the project.

Students may elect to fulfill the final degree requirement through the successful completion of a comprehensive exam studio taken in their final semester. Students who are in the Environmental Planning track or in one of the concurrent degree programs are not eligible for the comprehensive exam studio option. Students in the concurrent degree programs must see the Graduate Student Affairs Officer for details on degree completion procedures and requirements.

In addition, a summer internship (preferably taken the summer before the student's final year) is recommended. Previous professional experience may be substituted for this internship.

Normative time for the MLA degree is either two years (design background and environmental planning students) or three years (non-design background). A student's normative time is determined when the student enters the MLA program.

## Public Information Policy

Public Information Policy Programs accredited by the Landscape Architectural Accreditation Board (LAAB) are required to provide reliable information to the public. Programs must report on accreditation status and its performance. This information is to help potential students make informed application decisions. To review this information, click here ([http://ced.berkeley.edu/downloads/academic/accreditation/2014\\_file\\_LAAB\\_Public\\_Information\\_Policy.pdf](http://ced.berkeley.edu/downloads/academic/accreditation/2014_file_LAAB_Public_Information_Policy.pdf)).

## Curriculum

### MLA 3D Option (Three Years): First Professional Degree (79 Units Required)

LD ARCH 110	Ecological Analysis	3
LD ARCH 110L	Ecological Analysis Laboratory	2
LD ARCH 112	Landscape Plants: Identification and Use	4
LD ARCH 120	Topographic Form and Design Technology	3

LD ARCH 121	Design in Detail: Introduction to Landscape Materials and Construction	4
LD ARCH 260	Professional Practice Seminar	3
LD ARCH 170	History and Literature of Landscape Architecture	3
LD ARCH 200A	Fundamentals of Landscape Design	5
LD ARCH 200B	Case Studies in Landscape Design	5
LD ARCH 201	Ecological Factors in Urban Landscape Design	5
LD ARCH 202	Design of Landscape Sites	5
or LD ARCH 205	Environmental Planning Studio	
LD ARCH 203	Landscape Project Design	5
or LD ARCH 203	Shaping the Public Realm	
LD ARCH 234A	Drawing the Landscape	3
LD ARCH 234B	Landscape Processes through Drawing and Modeling	3
LD ARCH 235	Design Thinking: Art, Nature, Consciousness	3
LD ARCH 254	Topics in Landscape Architecture and Environmental Planning	1
Select one social factors course from departmental breadth list		3
Select one of the following:		3
LD ARCH 252B Thesis and Professional Project Proposal Seminar [3] (required for Thesis/Professional Project Students only)		
Elective		
Select one of the following:		5
LD ARCH 206 Final Project Preparation Studio: Thesis and Reports [5]		
Final Degree Studio:		
LD ARCH 204 Advanced Project Design [5]		
or CY PLAN Advanced Studio: Urban Design/Environmental Planning		
Electives		Variable

### MLA 2D OPTION (TWO YEARS): ADVANCED PROFESSIONAL DEGREE -- LD ARCH UG DEGREE (48 UNITS REQUIRED)

LD ARCH 120	Topographic Form and Design Technology	3
LD ARCH 260	Professional Practice Seminar	3
LD ARCH 201	Ecological Factors in Urban Landscape Design	5
Select one course in landscape plants and their applications from the following:		3
LD ARCH 111 Plants in Design [3]		
LD ARCH 112 Landscape Plants: Identification and Use [4]		
Select two additional studios (dependent on student's background) from the following:		10
LD ARCH 202 Design of Landscape Sites [5]		
LD ARCH 203 Landscape Project Design [5]		
or LD ARCH 203 Shaping the Public Realm		
LD ARCH 204 Advanced Project Design [5]		
LD ARCH 205 Environmental Planning Studio [5]		
CY PLAN 248 Advanced Studio: Urban Design/Environmental Planning [5]		
ARCH 201 Architecture & Urbanism Design Studio [5]		
Select one course in landscape history from the following:		3

LD ARCH 170	History and Literature of Landscape Architecture [3]	
LD ARCH C171	The American Designed Landscape Since 1850 [3]	
LD ARCH C250	Theories of Urban Form and Design	3
Select one course in landscape structures/infrastructures from the following:		3
LD ARCH 226	Landscape Design Construction [2]	
CY PLAN C213	Transportation and Land Use Planning	3
CY PLAN 214	Infrastructure Planning and Policy: Climate Change Planning and Urban Systems	3
CY PLAN C217	Transportation Policy and Planning	3
Select one course in natural factors from the departmental breadth list		3
Select one course in social factors from the departmental breadth list		3
Select one of the following:		3
LD ARCH 252E	Thesis and Professional Project Proposal Seminar [3] (required for thesis/professional project students only)	
Elective		
Select one of the following:		5
LD ARCH 206	Final Project Preparation Studio: Thesis and Reports [5]	
Final Degree Studio from one of the following:		
LD ARCH 204	Advanced Project Design [5]	
CY PLAN 248	Advanced Studio: Urban Design/Environmental Planning [5]	
Electives		Variable

#### MLA 2D Option (Two Years): Advanced Professional Degree -- ARCH UG Degree (49 Units Required)

LD ARCH 110	Ecological Analysis	3
LD ARCH 110L	Ecological Analysis Laboratory	2
LD ARCH 120	Topographic Form and Design Technology	3
LD ARCH 121	Design in Detail: Introduction to Landscape Materials and Construction	4
LD ARCH 260	Professional Practice Seminar	3
LD ARCH 170	History and Literature of Landscape Architecture	3
LD ARCH 201	Ecological Factors in Urban Landscape Design	5
Select one course in landscape plants and their applications from the following:		3
LD ARCH 111	Plants in Design [3]	
LD ARCH 112	Landscape Plants: Identification and Use [4]	
Select two additional studios (dependent on student's background) from the following:		10
LD ARCH 202	Design of Landscape Sites [5]	
LD ARCH 203	Landscape Project Design [5]	
or LD ARCH 204	Designing the Public Realm [5]	
LD ARCH 204	Advanced Project Design [5]	
LD ARCH 205	Environmental Planning Studio [5]	
CY PLAN 248	Advanced Studio: Urban Design/Environmental Planning [5]	
ARCH 201	Architecture & Urbanism Design Studio [5]	
Select one course in social factors from the departmental breadth list		3
Select one of the following:		3

LD ARCH 252E	Thesis and Professional Project Proposal Seminar [3] (required for thesis/professional project students only)	
Elective		
Select one of the following:		5
LD ARCH 206	Final Project Preparation Studio: Thesis and Reports [5]	
Final Degree Studio from one of the following:		
LD ARCH 204	Advanced Project Design [5]	
CY PLAN 248	Advanced Studio: Urban Design/Environmental Planning [5]	
Electives		Variable

#### MLA EP Option (Two Years): Environmental Planning ( 49 Units Required)

LD ARCH C188	Geographic Information Science	4
LD ARCH 200A	Fundamentals of Landscape Design	5
LD ARCH 205	Environmental Planning Studio	5
LD ARCH 206	Final Project Preparation Studio: Thesis and Reports	5
LD ARCH 221	Quantitative Methods in Environmental Planning	3
LD ARCH 222 or one course in natural factors from the departmental breadth list		
LD ARCH 234A	Drawing the Landscape	3
LD ARCH 237	The Process of Environmental Planning	3
LD ARCH 252B	Thesis and Professional Project Proposal Seminar	3
LD ARCH 254	Topics in Landscape Architecture and Environmental Planning	1
Select one social factors course from departmental breadth list		3
Select one landscape architecture history course		3
Electives		Variable

## Landscape Architecture and Environmental Planning

Expand all course descriptions [+]Collapse all course descriptions [-]



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

Terms offered: Fall 2023, Fall 2022, Fall 2021

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.

Fundamentals of Landscape Design: Read More [+]

### 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

Fundamentals of Landscape Design: Read Less [-]

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

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Case Studies in Landscape Design: Read More [+]

### 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

Case Studies in Landscape Design: Read Less [-]

## LD ARCH 201 Ecological Factors in Urban Landscape Design 5 Units

Terms offered: Fall 2023, Fall 2022, Fall 2021

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.

Ecological Factors in Urban Landscape Design: Read More [+]

### 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.

Ecological Factors in Urban Landscape Design: Read Less [-]

## LD ARCH 202 Design of Landscape Sites 5 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Design of Landscape Sites: Read More [+]

### 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

Design of Landscape Sites: Read Less [-]

## LD ARCH 203 Landscape Project Design 5 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

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.

Landscape Project Design: Read More [+]

### 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.

Landscape Project Design: Read Less [-]

## LD ARCH C203 Shaping the Public Realm 5 Units

Terms offered: Fall 2023, Fall 2022, Fall 2021, Fall 2020

This interdisciplinary studio focuses on the public realm of cities and explores opportunities for creating more humane and delightful public places. Problems will be at multiple scales in both existing urban centers and in areas of new growth. Skills in analyzing, designing, and communicating urban design problems will be developed. Studio work will be supplemented with lectures, discussions, and field trips. Visiting professionals will present case studies and will serve on reviews.

Shaping the Public Realm: Read More [+]

### Rules & Requirements

**Prerequisites:** Previous design studio 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:** Brand

**Formerly known as:** 203

**Also listed as:** CY PLAN C243

Shaping the Public Realm: Read Less [-]

## LD ARCH 204 Advanced Project Design 5 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Advanced Project Design: Read More [+]

### 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

Advanced Project Design: Read Less [-]

## LD ARCH 205 Environmental Planning Studio 5 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Environmental Planning Studio: Read More [+]

### 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

Environmental Planning Studio: Read Less [-]

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

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Final Project Preparation Studio: Thesis and Reports: Read More [\[+\]](#)

### 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

Final Project Preparation Studio: Thesis and Reports: Read Less [\[-\]](#)

## LD ARCH 221 Quantitative Methods in Environmental Planning 3 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

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.

Quantitative Methods in Environmental Planning: Read More [\[+\]](#)

### 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

Quantitative Methods in Environmental Planning: Read Less [\[-\]](#)

## LD ARCH 222 Hydrology for Planners 4 Units

Terms offered: Spring 2022, Spring 2019, Spring 2018

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.

Hydrology for Planners: Read More [\[+\]](#)

### 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

Hydrology for Planners: Read Less [\[-\]](#)

## LD ARCH 226 Landscape Design Construction 2 Units

Terms offered: Fall 2023, Spring 2022, Spring 2021

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.

Landscape Design Construction: Read More [\[+\]](#)

### 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

Landscape Design Construction: Read Less [\[-\]](#)

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

Terms offered: Fall 2023, Fall 2022, Fall 2021

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.

Restoration of Rivers and Streams: Read More [+]

### 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

Restoration of Rivers and Streams: Read Less [-]

## LD ARCH 229 Flood Risk Management 3 Units

Terms offered: Spring 2023

This course explains fundamental concepts in flood risk management, summarizes the history of flood management in California, the US, and globally, and tracks the development of state-of-the-art approaches to assessing flood risk, equity implications, and utilizing nature-based solutions to sustainably manage floods. The course is offered at both the upper-division undergraduate (LA119) and graduate (LA229) levels. Lectures are the same for both undergrad and grad courses, but there are separate discussion sections and requirements.

Flood Risk Management: Read More [+]

### Objectives & Outcomes

**Course Objectives:** The objective of the course is to provide students with an understanding of the physical processes giving rise to floods, and also the social and institutional response to flood risk.

**Student Learning Outcomes:** Students will learn the fundamental hydrologic processes behind flooding, the models commonly employed to assess the extent of flood hazard, the limitations of extrapolating short hydrologic records to estimate long-return period floods such as the 100-year flood, limitations of structural measures to control flood hazard, and increase in flood hazard arising from climate change.

### 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/Graduate

**Grading:** Letter grade.

**Instructor:** Kondolf

Flood Risk Management: Read Less [-]



## LD ARCH C231 Environmental Planning and Regulation 3 Units

Terms offered: Spring 2023, Fall 2020, Fall 2019, Fall 2018

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.

Environmental Planning and Regulation: Read More [\[+\]](#)

### 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:** Acey

**Also listed as:** CY PLAN C251

Environmental Planning and Regulation: Read Less [\[-\]](#)

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

Terms offered: Spring 2018, Spring 2017, Spring 2010

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.

The Landscape As a Sacred Place: Read More [\[+\]](#)

### 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.

The Landscape As a Sacred Place: Read Less [\[-\]](#)

## LD ARCH 233 Drawn from the Field 3 Units

Terms offered: Fall 2023, Fall 2022, Fall 2021

This course will provide students an opportunity to analyze and interpret the iconic built landscapes of the Bay Area through direct observation and field sketching. The vision for the course is influenced by the global popularity of the Urban Sketchers movement, a phenomenon based on personal engagement with one's environment. The annotated sketchbook will be used as the primary tool for investigation and documentation of core fundamental principles and elements of landscape and urban design. Lectures and hands-on demonstrations will give students the tools to respond to and construct meaning from their on-site observations.

Drawn from the Field: Read More [\[+\]](#)

### Rules & Requirements

**Credit Restrictions:** Students will receive no credit for LD ARCH 233 after completing LD ARCH 233. A deficient grade in LD ARCH 233 may be removed by taking LD ARCH 233.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1 hour of lecture and 2 hours of fieldwork per week

### Additional Details

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

**Grading:** Letter grade.

Drawn from the Field: Read Less [\[-\]](#)

## LD ARCH 234A Drawing the Landscape 3 Units

Terms offered: Fall 2023, Fall 2022, Fall 2021

This foundational course will be structured through weekly and bi-weekly exercises that are loosely linked with the core studio course, LA 200A. The exercises will explore landscape representation through a variety of drawing types and conventions, across geographic and temporal scales, and through a productive relationship between analog and digital techniques.

Drawing the Landscape: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** LD ARCH 200A LANDSCAPE DESIGN

### 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/Graduate

**Grading:** Letter grade.

**Instructors:** Hood, Cooper

Drawing the Landscape: Read Less [\[-\]](#)

## LD ARCH 234B Landscape Processes through Drawing and Modeling 3 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

This course will explore landscape representation through a variety of drawing types and conventions, across a range of scales, and through a deep engagement with digital media. This course builds on the foundational methods developed in LA 234A, incorporating new methods, tools, and techniques for digital visualization. The course is structured through lectures and discussions about the historical and theoretical relevance of the theme, as well as, lab sessions focused on demonstrating representational tools and techniques. Simultaneous to these units, continued development of analog sketching will be expected. Landscape Processes through Drawing and Modeling: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** LD ARCH 234A or equivalent

### 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/Graduate

**Grading:** Letter grade.

Landscape Processes through Drawing and Modeling: Read Less [\[-\]](#)

## LD ARCH 235 Design Thinking: Art, Nature, Consciousness 3 Units

Terms offered: Fall 2019, Fall 2018, Spring 2004

This course is a laboratory for design thinking, invention and visual perception. A designed landscape has the potential to induce a powerful emotional experience. The premise of this course is based on the idea that highly valued places are works of art, as well as places of enlightenment and transformation. This class will explore ideas of 'sacredness' in the landscape through a series of design explorations and a summation project. Our journey of discovery aspires to provide future landscape architects with a new and unique perspective to help them recognize and generate sacred landscapes. Design Thinking will outline a process for creative practice that builds upon historic approaches while imagining new possibilities.

Design Thinking: Art, Nature, Consciousness: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** LD ARCH 134A

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of studio per week

### Additional Details

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

**Grading:** Letter grade.

**Instructor:** Sullivan

Design Thinking: Art, Nature, Consciousness: Read Less [\[-\]](#)

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

Terms offered: Spring 2023, Spring 2022, Fall 2020

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.

The Process of Environmental Planning: Read More [\[+\]](#)

### 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

The Process of Environmental Planning: Read Less [\[-\]](#)

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

Terms offered: Fall 2023, Fall 2022, Fall 2021, Spring 2021

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.

Research Methods in Environmental Design: Read More [\[+\]](#)

### 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:** Lamb

**Formerly known as:** Interdepartmental Studies 241

**Also listed as:** CY PLAN C241

Research Methods in Environmental Design: Read Less [\[-\]](#)

## LD ARCH C242 Community Engagement and Public Participation in Planning Processes 3 Units

Terms offered: Fall 2023, Fall 2022, Fall 2021

This course examines the theories, practices, and ethics of undertaking community engagement and public participation relative to planning processes. Students will learn about traditional forms of engagement and participation, while also testing newer theories and practices in the field.

Community Engagement and Public Participation in Planning Processes: Read More [+]

### 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

Community Engagement and Public Participation in Planning Processes: Read Less [-]

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

Terms offered: Fall 2023, Fall 2022, Fall 2021

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.

Theories of Urban Form and Design: Read More [+]

### 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.

**Also listed as:** CY PLAN C240

Theories of Urban Form and Design: Read Less [-]

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

Terms offered: Fall 2016, Spring 2016, Fall 2014

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.

Theories of Landscape Architecture and Environmental Planning: Read More [+]

### 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

Theories of Landscape Architecture and Environmental Planning: Read Less [-]

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

Terms offered: Fall 2023, Fall 2022, Fall 2021

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.

Thesis and Professional Project Proposal Seminar: Read More [+]

### 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.

Thesis and Professional Project Proposal Seminar: Read Less [-]

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

Terms offered: Fall 2023, Spring 2023, Fall 2022

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.

Landscape Architecture and Environmental Planning Colloquium: Read More [\[+\]](#)

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

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

### Additional Details

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

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

Landscape Architecture and Environmental Planning Colloquium: Read Less [\[-\]](#)

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

Terms offered: Fall 2023, Spring 2023, Fall 2022

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.

Topics in Landscape Architecture and Environmental Planning: Read More [\[+\]](#)

### Rules & Requirements

**Repeat rules:** 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.

Topics in Landscape Architecture and Environmental Planning: Read Less [\[-\]](#)

## LD ARCH 255 Doctoral Seminar in Environmental Planning 1 Unit

Terms offered: Fall 2023, Fall 2022, Spring 2022

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. Doctoral Seminar in Environmental Planning: Read More [\[+\]](#)

### Rules & Requirements

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

**Repeat rules:** Course may be repeated for credit without restriction.

### 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.

Doctoral Seminar in Environmental Planning: Read Less [\[-\]](#)

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

Terms offered: Spring 2019, Spring 2018, Spring 2017

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.

Special Topics in Design: Read More [\[+\]](#)

### Rules & Requirements

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

**Repeat rules:** 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.

Special Topics in Design: Read Less [\[-\]](#)

## LD ARCH 259 Ground Up Journal 1 - 3 Units

Terms offered: Fall 2023, Spring 2023, Fall 2022

Under the guidance of the instructor of record, each year a team of graduate students works together to choose a journal theme, apply for funding and awards, solicit and select submissions, edit and design articles, arrange a print run and/or online publication, and advertise and market the journal.

Ground Up Journal: Read More [+]

### Rules & Requirements

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

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

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

### Additional Details

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

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

Ground Up Journal: Read Less [-]

## LD ARCH 260 Professional Practice Seminar 3 Units

Terms offered: Spring 2023, Spring 2022, Spring 2021

This course provides instruction and guidance in the professional practice aspect of landscape architecture in the United States. Covering the breadth of the profession, we will learn the professional duties of a landscape architect, and the process of completing a real-life landscape architectural project. The goal of this class will be to learn what it means to be a practicing, licensed landscape architect, with the understanding that this is ultimately a construction based, service-oriented industry.

Professional Practice Seminar: Read More [+]

### 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.

Professional Practice Seminar: Read Less [-]

## LD ARCH 277 Resilience and Urban Development 3 Units

Terms offered: Spring 2021, Spring 2020

Methods for increasing urban sustainability and resilience through decentralized infrastructure design and appropriate development site design, with a focus on flooding and fire as drivers of urban adaptation at the block and district scales. Comparative frameworks for urban infrastructure systems analysis and resilience. Basic quantitative skills for flooding-related block, street and district design. Lessons-learned from key international and regional design adaptations for fire, flooding and sea level rise.

Resilience and Urban Development: Read More [+]

### 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:** Hill

Resilience and Urban Development: Read Less [-]

## LD ARCH 287 Representation as Research: Contemporary Topics in Landscape Visualization 3 Units

Terms offered: Spring 2022, Spring 2021, Spring 2020

Representations typically demonstrate two different forms of landscape analysis—empirical data and personal perception/aesthetics—but landscape provides opportunities for their overlaps in order to advance and synthesize robust research. Through lectures, technical tutorials, and reading discussions, this course will profile contemporary landscape research practices and representational techniques. We will use visualization to advance landscape research, theory, and site analysis, focusing specifically on methods that tackle issues of temporality and ephemerality. We will generate original media that communicates spatial, ecological, and cultural complexities.

Representation as Research: Contemporary Topics in Landscape

Visualization: Read More [+]

### Rules & Requirements

**Prerequisites:** Working knowledge of Rhino, AutoCAD, Adobe Creative Suite (Illustrator, Photoshop, InDesign)

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of laboratory and 1 hour of lecture per week

### Additional Details

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

**Grading:** Letter grade.

**Instructor:** Cooper

Representation as Research: Contemporary Topics in Landscape Visualization: Read Less [-]



## LD ARCH 289 Applied Remote Sensing 3 Units

Terms offered: Spring 2022, Spring 2021, Spring 2020

This course consists of one lecture and one computer lab per week introducing fundamental principles and methods of environmental remote sensing and their practical applications. We will explore strategies for working with different types of remote sensing data and extracting image-based landscape information for various environmental research and planning objectives. This course focuses largely on local to regional scale applications of remote sensing in ecology, environmental planning and design, civil & environmental engineering and natural resource management.

Applied Remote Sensing: Read More [+]

### Objectives & Outcomes

**Course Objectives:** Become familiar with different types of data and instruments in remote sensing and learn how to choose the optimal remote sensing data and procedure for various landscape and environmental analysis applications.

Develop the capacity to work with the remote sensing literature and synthesize the relevant knowledge across different studies.

Explore traditional and novel remote sensing techniques and their use in landscape planning, environmental studies and natural resource management.

Learn practical skills and techniques to extracting landscape information from remote sensing data as image interpretation, classification, accuracy assessment, mapping and change analysis.

### Rules & Requirements

**Prerequisites:** An introductory GIS course such as LA C188/Geography C188, ESPM 233 or equivalent

### Hours & Format

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

### Additional Details

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

**Grading:** Letter grade.

**Instructor:** Dronova

Applied Remote Sensing: Read Less [-]

## LD ARCH C289 Applied Remote Sensing 3 Units

Terms offered: Spring 2023, Spring 2022

This course consists of one lecture and one computer lab per week introducing fundamental principles and methods of environmental remote sensing and their practical applications. We will explore strategies for working with different types of remote sensing data and extracting image-based landscape information for various environmental research and planning objectives. This course focuses largely on local to regional scale applications of remote sensing in ecology, environmental planning and design, civil & environmental engineering and natural resource management.

Applied Remote Sensing: Read More [+]

### Objectives & Outcomes

#### Course Objectives:

Learn practical skills and techniques to extracting landscape information from remote sensing data as image interpretation, classification, accuracy assessment, mapping and change analysis.

Become familiar with different types of data and instruments in remote sensing and learn how to choose the optimal remote sensing data and procedure for various landscape and environmental analysis applications. Explore traditional and novel remote sensing techniques and their use in landscape planning, environmental studies and natural resource management.

Develop the capacity to work with the remote sensing literature and synthesize the relevant knowledge across different studies.

### Rules & Requirements

**Prerequisites:** An introductory GIS course such as LA C188/Geography C188 or equivalent

**Credit Restrictions:** Students will receive no credit for LD ARCH C289 after completing LD ARCH 289. A deficient grade in LD ARCH C289 may be removed by taking LD ARCH 289.

### Hours & Format

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

### Additional Details

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

**Grading:** Letter grade.

**Instructor:** Dronova

**Also listed as:** ESPM C289

Applied Remote Sensing: Read Less [-]

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

Terms offered: Fall 2015, Fall 2014, Fall 2013

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.

Supervised Research in Landscape Architecture and Environmental Planning: Read More [\[+\]](#)

### 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.

Supervised Research in Landscape Architecture and Environmental Planning: Read Less [\[-\]](#)

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

Terms offered: Fall 2015, Fall 2014, Spring 2014

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

Directed Dissertation Research: Read More [\[+\]](#)

### Rules & Requirements

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

**Repeat rules:** Course may be repeated for credit without restriction.

### 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.

Directed Dissertation Research: Read Less [\[-\]](#)

## LD ARCH 297 Supervised Field Study 1 - 3 Units

Terms offered: Fall 2022, Fall 2018, Spring 2016

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.

Supervised Field Study: Read More [\[+\]](#)

### 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 - 1-3 hours of fieldwork per week

**Summer:** 8 weeks - 2-6 hours of fieldwork per week

### Additional Details

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

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

Supervised Field Study: Read Less [\[-\]](#)

## LD ARCH 298 Group Study 1 - 4 Units

Terms offered: Fall 2022, Fall 2021, Spring 2021

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

Group Study: Read More [\[+\]](#)

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit without restriction.

### 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.

Group Study: Read Less [\[-\]](#)

## LD ARCH 299 Individual Research 1 - 6 Units

Terms offered: Fall 2018, Spring 2016, Fall 2015

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.

Individual Research: Read More [\[+\]](#)

### Rules & Requirements

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

**Repeat rules:** Course may be repeated for credit without restriction.

### 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.

Individual Research: Read Less [\[-\]](#)

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

Terms offered: Spring 2018, Spring 2017, Fall 2016

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

Supervised Teaching in Landscape Architecture and Environmental Planning: Read More [\[+\]](#)

### Rules & Requirements

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

**Repeat rules:** Course may be repeated for credit without restriction.

### 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.

Supervised Teaching in Landscape Architecture and Environmental Planning: Read Less [\[-\]](#)

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

Terms offered: Fall 2012, Fall 2010, Fall 2009

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.

Methods of Teaching in Landscape Architecture and Environmental Planning: Read More [\[+\]](#)

### 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.

Methods of Teaching in Landscape Architecture and Environmental Planning: Read Less [\[-\]](#)

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

Terms offered: Fall 2022, Fall 2020, Fall 2018

This course presents general pedagogical principles and methods adapted to teaching in the fields of landscape architecture, environmental planning, and environmental sciences. The content 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.

Methods of Teaching in Landscape Architecture and Environmental Planning: Read More [+]

### 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.

**Instructor:** Larice

**Formerly known as:** Landscape Architecture 301

Methods of Teaching in Landscape Architecture and Environmental Planning: Read Less [-]

## LD ARCH 601 Individual Study for Master's Students 1 - 8 Units

Terms offered: Fall 2015, Fall 2014, Fall 2013

Individual study for final degree requirements in consultation with adviser.

Individual Study for Master's Students: Read More [+]

### 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.

Individual Study for Master's Students: Read Less [-]

## LD ARCH 602 Individual Study for Doctoral Students 1 - 8 Units

Terms offered: Spring 2016, Fall 2015, Spring 2015

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.

Individual Study for Doctoral Students: Read More [+]

### 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 without restriction.

### 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.

Individual Study for Doctoral Students: Read Less [-]