

Landscape Architecture and Environmental Planning

College of Environmental Design (<http://ced.berkeley.edu>)
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The Profession

The profession of landscape architecture plays an important role in solving environmental problems through design and planning. Professional practice includes design of public spaces for recreation areas, schools, housing, neighborhoods, streets, and cities, planning for conservation of open space and natural amenities, land management and development, and assessment of the impact of projects and proposals on environmental quality and design of such projects to be environmentally compatible.

Landscape design typically involves project programming, site planning of buildings and building complexes, and analysis, planning, and detailed design of public and private exterior spaces and landscapes. It requires an understanding of visual and social factors, plant materials, construction technology, cost, and ecology.

Environmental planning is concerned with the larger context of natural and urban environments including the study of ecology, conservation planning, environmental law, resource development, computer applications, recreation planning, and urban open space and transportation systems. The intent of all the emphases is the creation of delightful landscapes that are ecologically sound and socially informed.

Undergraduate Program

Berkeley's undergraduate curriculum in landscape architecture centers upon creative and ecologically tuned design, and introduces students to the breadth of knowledge common to the profession. This program leads to the Bachelor of Arts (BA) degree in landscape architecture and provides the necessary education for students interested in entry-level professional practice. At the heart of the undergraduate curriculum are three core studios: LD ARCH 101, LD ARCH 102, and LD ARCH 103. The core studios ensure that undergraduate students benefit from the department's full range of interests and expertise.

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.

For more complete information, see the department's website (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs/bachelor-of-arts-in-landscape-architecture>) .

Graduate Programs

The Master of Landscape Architecture Degree

The Master of Landscape Architecture degree is a professional degree accredited by the American Society of Landscape Architects. The program offers advanced work in landscape architecture from the scale of detailed form to that of the regional landscape. A core of courses in the department is required of all students, emphasizing the relationship between the design and the environmental planning aspects of the field. This core group forms the foundation for extended coursework in landscape design, urban and community design, and environmental planning.

Current faculty research and professional involvement include growth impact and land use planning, human factors and design, environmental simulation, landscape visual and scenic assessment, ecological art, ecology and plant succession, hydrology and planning, cultural geography, the educative city, energy conservation in landscape and community design, urban forestry, and community participation in design and planning.

Concurrent Program in Urban Design or Environmental Planning

The Departments of Landscape Architecture and Environmental Planning and City and Regional Planning jointly offer a program of studies in urban design or in environmental planning, leading to both the Master of Landscape Architecture and Master of City Planning degrees. Applicants to the concurrent degree program typically have an undergraduate degree in landscape architecture or architecture. Applicants must be admitted separately by both the Department of Landscape Architecture and Environmental Planning and the Department of City and Regional Planning. More information may be obtained from the Graduate Office in 202 Wurster Hall, or from our website (<http://laep.ced.berkeley.edu>) .

Concurrent Degree Program in Architecture and Landscape Architecture

The Departments of Architecture and Landscape Architecture and Environmental Planning have developed a concurrent degree program. This program will lead to two professional degrees: Master of Architecture and Master of Landscape Architecture. This program brings together two closely connected branches of environmental design—the design of sites and the design of buildings. This program is for exceptionally qualified students who have an undergraduate degree in architecture or landscape architecture and who satisfy the admission requirements of the one- or two-year MArch program and/or the two-year MLA program. Applicants to either of the above concurrent degree programs should apply to the Department of Landscape Architecture and Environmental Planning by December 15. Acceptance into the concurrent degree program is limited to outstanding applicants. More information may be obtained from the Graduate Office in 202 Wurster Hall or from our website (<http://laep.ced.berkeley.edu>) .

Master of Urban Design

The Master of Urban Design is for exceptionally well-qualified students who have a bachelor's degree in architecture or landscape architecture and a minimum of two years of professional experience after completion of the undergraduate degree. See the Urban Design

(<http://bulletin.berkeley.edu/archive/2013-14/departmentsandssubjects/urbandesign>) section of this bulletin for further information.

The PhD Degree in Environmental Planning

The Doctor of Philosophy program in environmental planning is offered for students who wish to pursue advanced scholarly and research work. The program emphasizes the development of theories and methods that underlie the fields of environmental planning or urban design, and the processes of planning and design as they relate to the solution of problems in the natural and urban environment. The PhD degree in environmental planning is appropriate for those seeking careers in research and teaching in environmental planning or urban design or in specialized roles in government or professional consultation.

There are no courses specifically required for the PhD degree. In consultation with their faculty advisers, students formulate a coursework plan best suited to their individual specializations within the field of environmental planning.

PhD requirements are as follows:

1. 32 units of upper division and graduate coursework
2. Two-year academic residency
3. Reading knowledge of a departmentally approved foreign language
4. Successful completion of a qualifying examination
5. A dissertation

Progress toward the degree is evaluated annually by the PhD Committee.

Admission is granted to a small number of individuals each year. Most applicants will have completed a master's degree before entering. Students with only a bachelor's degree should apply to the MLA program first or otherwise complete an appropriate master's degree before applying.

For information about these programs, please consult the Graduate Office, Department of Landscape Architecture and Environmental Planning, 202 Wurster Hall, or the department's website (<http://ced.berkeley.edu/academics/landscape-architecture-environmental-planning/programs>) .

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

Department: Landscape Architecture

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

Hours and format: 6 hours of studio and 2 hours of lecture per week. 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. Instructor: Sullivan

LD ARCH 12 Environmental Science for Sustainable Development 4 Units

Department: Landscape Architecture

Course level: Undergraduate

Term course may be offered: Fall

Grading: Letter grade.

Hours and format: 3 hours of Lecture and 2 hours of Laboratory per week for 15 weeks.

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 benthic macro invertebrates in creek, measurement of atmospheric particulate matter concentrations) and integrative sustainability assessment project.

LD ARCH 24 Freshman Seminars 1 Unit

Department: Landscape Architecture

Course level: Undergraduate

Terms course may be offered: Fall and spring

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

Hours and format: 1 hour of Seminar per week for 15 weeks.

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.

Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

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

Department: Landscape Architecture

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Offered for pass/not pass grade only.

Hours and format: Seminar format.

Prerequisites: Priority given to freshmen and sophomores.

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.

Course may be repeated for credit when topic changes.

LD ARCH 84 Sophomore Seminar 1 or 2 Units

Department: Landscape Architecture

Course level: Undergraduate

Terms course may be offered: Fall, spring and summer

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