

Environmental Design

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

**Undergraduate Office: 232 Wurster Hall,
(510) 642-0832**

Dean: Jennifer Wolch, PhD

College Website: Environmental Design (<http://ced.berkeley.edu>)

Overview

The College of Environmental Design combines in a single academic unit professional instruction in architecture, city and regional planning, and landscape architecture and environmental planning, along with related undergraduate and advanced graduate instructional programs. In addition to preparing students in these three professions, the college is committed to improving practice, contributing to basic knowledge, and addressing ethical issues in areas related to the built environment and its natural setting. To this end, instruction, service, and research programs in this college aim at educating people to build more efficiently and equitably, more beautifully, and in ways better fitted to the multiplicity of human, social, and ecological needs.

The college consists of three departments: Architecture, City and Regional Planning, and Landscape Architecture and Environmental Planning. Undergraduate degree programs in architecture, landscape architecture, urban studies, and sustainable environmental design offer unusual learning opportunities that combine general education, basic skills, and knowledge in the professional fields, with a broad introduction to the built and natural environments. All three departments offer undergraduate minor programs that are open to students majoring in other fields. No undergraduate major or minor programs are professionally accredited by their respective professions. At the graduate level, each department offers the professionally accredited master's degree. A unique interdisciplinary program among all three departments offers a master's degree in urban design. And each department provides advanced graduate work leading to the PhD.

For more information about the College of Environmental Design, see the website. (<http://ced.berkeley.edu/about-ced/welcome>)

Undergraduate Programs

Undergraduates enroll in a four-year curriculum leading to the Bachelor of Arts (BA) degree with a major in architecture, landscape architecture, urban studies, sustainable environmental design, or an individual major. These curricula provide a broad educational base and preprofessional competency in environmental design fields. In addition, they serve as undergraduate preparation for graduate education both in the design fields and, with properly selected elective courses, in other fields such as business, law, and engineering. Graduates also work in related fields such as urban development, real estate, and construction.

Admission

Freshman applicants should consult the UC Berkeley Office of Undergraduate Admissions website (<http://admissions.berkeley.edu>) for requirements. Transfer applicants must follow closely the admission

requirements outlined on the CED Prospective Student website. (<http://ced.berkeley.edu/admissions/undergraduate/transfer-applicants>)

Prospective undergraduates can find more information about majors and admission requirements on the CED website. (<http://ced.berkeley.edu/admissions/undergraduate>)

Degree Requirements

See the website (<http://ced.berkeley.edu/ced/students/undergraduate-advising/continuing-students>) for more information on undergraduate degree requirements.

Minor Programs

The College of Environmental Design offers several minors, including Architecture, City and Regional Planning, Environmental Design and Urbanism in Developing Countries, Geospatial Information Science and Technology (with CNR), History and Theory of Landscape Architecture and Environmental Planning, History of the Built Environment, Social and Cultural Factors in Design, and Sustainable Design. For further information, see the website. (<http://ced.berkeley.edu/ced/students/undergraduate-advising/continuing-students/#minor>)

Information on the courses and degree programs in architecture, city and regional planning, urban studies, landscape architecture and environmental planning, and sustainable environmental design can be found in those sections of this Bulletin, as well as on the college's website. (<http://ced.berkeley.edu>)

Graduate Programs

Architecture, City and Regional Planning, and Landscape Architecture and Environmental Planning each offer accredited professional master's degree programs that serve as the basic credential for professional practice in the respective fields. The departments also have concurrent and joint degree programs that combine professional degrees in two fields either within the college or with other professional schools. An MA degree in design is offered for a very few students, and an interdisciplinary program offers a master's degree in urban design.

The three departments have advanced graduate programs leading to the PhD degree for students who have the capacity to engage in research and teaching. A research M.S. degree in architecture also is available. These programs have limited enrollments and are not regarded as advanced degrees for professional practice.

An undergraduate major in architecture or landscape architecture is not a prerequisite for admission to graduate study in these fields. Likewise, an undergraduate major in urban studies is not a prerequisite for admission to graduate study in city and regional planning.

For information on the Master of Urban Design degree, see the Urban Design (http://sis.berkeley.edu/catalog/gcc_view_req?p_dept_cd=URBDES) section of this Bulletin.

Organizational Units

Architecture (<http://arch.ced.berkeley.edu>)

Department Office: 232 Wurster Hall, (510) 642-4942

Graduate Office: 232 Wurster Hall, (510) 642-5577

Chair: Tom J. Buresh, MArch

City and Regional Planning (<http://dcrp.ced.berkeley.edu>)

Department Office: 228 Wurster Hall, (510) 642-3256
 Graduate Office: 228 Wurster Hall, (510) 643-9440
 Chair: Paul Waddell, MS, PhD

Landscape Architecture and Environmental Planning (<http://laep.ced.berkeley.edu>)

Department Office: 202 Wurster Hall, (510) 642-4022
 Graduate Office: 206 Wurster Hall, (510) 642-2965
 Chair: Louise A. Mozingo, MLA

ENV DES 1 People and Environmental Design 3 Units

Department: Environmental Design

Course level: Undergraduate

Terms course may be offered: Fall, spring and summer

Grading: Letter grade.

Hours and format: 3 hours of Lecture and 2 hours of Discussion per week for 15 weeks. 6 hours of Lecture and 4 hours of Discussion per week for 8 weeks.

Environmental design involves the study of built, natural, global, and virtual environments. Various forms of practice include architecture, planning, urban design, and social and environmental activism. This course is a survey of relationships between people and environments, designed and non-designed, with an introduction to the literature and professional practices. Open to all undergraduate students in the College of Environmental Design as well as other colleges and majors. Course may be repeated for credit. Course may be repeated for credit when topic changes. Student will receive no credit for 1 after taking 4. Instructors: de Monchaux, Jewell

ENV DES 2 Introduction to Environmental Design Summer Lectures 1 Unit

Department: Environmental Design

Course level: Undergraduate

Term course may be offered: Summer

Grading: Offered for pass/not pass grade only.

Hours and format: 2 hours of Lecture per week for 8 weeks. 3 hours of Lecture per week for 6 weeks.

This course accompanies the summer studio and media classes in the architecture and landscape architecture post-baccalaureate programs, (IN)Arch and (IN)Land, of the College of Environmental Design. This series of eight lectures by faculty in the College of Environmental Design at Berkeley presents a range of approaches, theories, and practices in the design fields. Lectures will include topics in landscape architecture, architectural practice, building construction and systems, global cities, urban ecology, building sustainability, social and political aspects of architecture, and a panel discussion by professionals who are previous students of the College.

ENV DES R3B Reading and Composition in Energy, Society, and Environmental Design 4 Units

Department: Environmental Design

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

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

Prerequisites: UC Entry Writing Requirement or UC Analytical Writing Placement Exam. R1A or equivalent course is prerequisite to R1B.

This course will expose students to key literature that examines, primarily, the relationship between sustainability and environmental design disciplines. Our goal will be not only to investigate the central ideas that inform the design of sustainable landscapes, cities, and buildings, but also to understand how competing arguments are presented in writing. Satisfies the second half of the Reading and Composition Requirement. Satisfies the second half of the Reading and Composition requirement. Course may be repeated for credit when topic changes.

ENV DES 4A Design and Activism 3 Units

Department: Environmental Design

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: Letter grade.

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

This course explores the relationships between design and activism, raising critical questions about what design is, and how designers serve as guardians of culture and as agents of change. Students will participate in "spontaneous acts of design activism" that address contemporary issues through the creation of a design intervention that addresses a specific social or environmental issue.