

# College of Environmental Design

## Introduction to the College

The College of Environmental Design (CED) is UC Berkeley's home for environmental design theory, research, innovation, and practice. CED stands among the nation's top environmental design schools. It is one of the world's most distinguished laboratories for experimentation, research, and intellectual synergy. CED offers undergraduate degrees in architecture, urban studies (city and regional planning), landscape architecture, and sustainable environmental design. All departments offer undergraduate minor programs open to students majoring in other fields.

The mission of CED is to produce creative and skilled professionals to help craft built environments—ecologically sustainable and resilient, prosperous and fair, healthy and beautiful—whose logic, form, and materials even the teachers cannot yet conjure. The College guides students toward a critical understanding of cities around the world, their architectures and landscapes, and their many layers of meaning. The College trains students in the art of designing well-loved places that both nurture senses and challenge imaginations. CED helps students not only acquire technical expertise but also develop transcendent ways of seeing and re-figuring the built environment.

Explore majors and minors ([http://guide.berkeley.edu/archive/2014-15/undergraduate/degree-programs/?filter\\_3=true](http://guide.berkeley.edu/archive/2014-15/undergraduate/degree-programs/?filter_3=true)) available through the College of Environmental Design.

## University of California Requirements

Entry Level Writing (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/entry-level-writing-requirement>)

All students who will enter the University of California as freshmen must demonstrate their command of the English language by fulfilling the Entry Level Writing Requirement. Fulfillment of this requirement is also a prerequisite to enrollment in all reading and composition courses at UC Berkeley.

American History and American Institutions (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/american-history-american-institutions-requirements>)

The American History and Institutions requirements are based on the principle that a U.S. resident graduated from an American university should have an understanding of the history and governmental institutions of the United States.

## Campus Requirement

American Cultures (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/american-cultures-requirement>)

American Cultures (AC) is the one requirement that all undergraduate students at UC Berkeley need to take and pass in order to graduate. The requirement offers an exciting intellectual environment centered on the study of race, ethnicity and culture of the United States. AC courses offer students opportunities to be part of research-led, highly accomplished

teaching environments, grappling with the complexity of American Culture.

## College Requirements

Reading and Composition (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/reading-composition-requirement>)

In order to provide a solid foundation in reading, writing, and critical thinking, the College requires two semesters of lower division work in composition. Students must complete a first-level reading and composition course by the end of their second semester and a second-level course by the end of their fourth semester.

## Breadth Requirements

The undergraduate breadth requirements provide Berkeley students with a rich and varied educational experience outside of their major program. As the foundation of a liberal arts education, breadth courses give students a view into the intellectual life of the University while introducing them to a multitude of perspectives and approaches to research and scholarship. Engaging students in new disciplines and with peers from other majors, the breadth experience strengthens interdisciplinary connections and context that prepares Berkeley graduates to understand and solve the complex issues of their day.

## College Requirements: Seven-course Breadth

Choose one course from each of the following categories:

Social & Behavioral Sciences (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/social-behavioral-sciences>)

Physical Sciences (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/physical-sciences>)

Biological Sciences (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/biological-sciences>)

International Studies (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/international-studies>) \*

Arts & Literature (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/arts-literature>)

Historical Studies (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/historical-studies>)

Philosophy & Values (<http://guide.berkeley.edu/archive/2014-15/undergraduate/colleges-schools/environmental-design/philosophy-values>)

Guidelines include the following:

1. No more than two courses from any one academic department may be used to satisfy the Seven-Course Breadth Requirement.
2. For students admitted to Berkeley, Fall 2013 and later: Up to two CED courses or courses cross-listed with CED may be used to fulfill the Seven-Course Breadth Requirement. Only lower division environmental design courses (ENV DES 1 Introduction to Environmental Design, ENV DES 4A Design and Activism, ENV DES 4B Global Cities, and ENV DES 4C Future Ecologies: Urban Design, Climate Adaptation, and Thermodynamics) and lower division major requirements may simultaneously fulfill the Seven-Course Breadth Requirement.

- For students admitted to Berkeley prior to Fall 2013: The Seven-Course Breadth Requirement must be fulfilled by courses outside of CED.
- All Seven-Course Breadth Requirements being used to simultaneously fulfill lower division major requirements must be completed with a C- or better. Only one of the remaining Seven-Course Breadth courses may be taken on a *Pass/Not Pass* basis.

\*CED students may use any second-semester language course to fulfill the International Studies requirement. Students may not use their native language to fulfill this requirement. The International Studies Requirement may also be satisfied in the UC Education Abroad Program (UCEAP) or a recognized equivalent program.

## Lower-Division Major Requirements that may be used to simultaneously fulfill Seven-Course Breadth Requirement

### Architecture Majors

#### Physical Sciences

PHYSICS 7A	Physics for Scientists and Engineers	4
PHYSICS 7B	Physics for Scientists and Engineers	4

### Landscape Architecture Majors

#### Biological Sciences

BIOLOGY 1B	General Biology Lecture and Laboratory	4
BIOLOGY 11 & 11L	Course Not Available and Course Not Available	3
ESPM 2	The Biosphere	3
ESPM 6	Environmental Biology	3
ESPM 110	Primate Ecology	4
LD ARCH 12	Environmental Science for Sustainable Development	4
PLANTBI 40	The (Secret) Life of Plants	3

#### Physical Sciences

EPS 50	The Planet Earth	4
ENV SCI 10 & 10L	Introduction to Environmental Sciences and Field Study in Environmental Sciences	4
PHYSICS 7A	Physics for Scientists and Engineers	4
PHYSICS 8A	Introductory Physics	4
PHYSICS 10	Course Not Available	
PHYSICS C10	Descriptive Introduction to Physics	3

### Sustainable Environmental Design Majors

#### Biological Sciences

LD ARCH 12	Environmental Science for Sustainable Development	4
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#### Physical Sciences

PHYSICS 7A	Physics for Scientists and Engineers	4
PHYSICS 7B	Physics for Scientists and Engineers	4

#### Social & Behavioral Sciences

ECON 1	Introduction to Economics	4
ECON 2	Introduction to Economics--Lecture Format	4
ECON C3	Introduction to Environmental Economics and Policy	4

ENVECON C1	Introduction to Environmental Economics and Policy	4
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### Urban Studies Majors

#### Social & Behavioral Sciences

ECON 1	Introduction to Economics	4
ECON 2	Introduction to Economics--Lecture Format	4
ECON C3	Introduction to Environmental Economics and Policy	4
ENVECON C1	Introduction to Environmental Economics and Policy	4

### Lower-Division Environmental Design \*

ENV DES 1	Introduction to Environmental Design	3
Choose 2 of the following, to be completed during the first two years:		6
ENV DES 4A	Design and Activism	
ENV DES 4B	Global Cities	
ENV DES 4C	Future Ecologies: Urban Design, Climate Adaptation, and Thermodynamics	

\* These requirements apply to all students admitted to Berkeley as a freshman in Fall 2013 and later, including students admitted to other colleges at UC Berkeley who enter CED through the Change of College process.

Guidelines for Lower-Division Environmental Design courses:

- All courses used to fulfill this requirement must be completed with a grade of C- or better.
- Any of the courses used to fulfill this requirement may simultaneously fulfill the Seven-Course Breadth Requirement.

### Upper-level Environmental Design

- Three upper-division CED courses from departments outside the major (minimum of 9 units)
- Sustainable Environmental Design majors are exempt from this requirement.
- Each of the three courses must be at least 2 units and must be within the 100-299 course range (excluding 197, 198, and 199).
- Depending on the major, this requirement may be fulfilled with courses in Architecture, Environmental Design, Visual Studies, Landscape Architecture, and City and Regional Planning.
- Urban Studies majors may not use City Planning courses to fulfill this requirement.
- A course used to fulfill this requirement may not also be used to fulfill Seven-Course Breadth or Major Requirements.

### High School Exam Credit

CED students may apply high school exam credit (Advanced Placement, International Baccalaureate, A-Level Exam) towards many College and Major Requirements. Please see the High School Exam Credit section on the CED website (<http://ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents>) for more information.

### Unit Requirements

Students must complete at least 120 semester units of courses subject to certain guidelines:

- A maximum of 16 units of Special Studies coursework (courses numbered 97, 98, 99, 197, 198, or 199) is allowed towards the 120 units; a maximum of four is allowed in a given semester; only upper division students (60 or more units completed) may enroll in 197, 198, or 199 coursework.
- A maximum of 4 units of Physical Education from any school attended will count towards the 120 units.
- Students may receive unit credit for courses graded P (including P/ NP units taken through EAP) up to a limit of one-third of the total units taken and passed on the Berkeley campus at the time of graduation.
- No more than 60 units from a single department can be used towards the 120 minimum.

## Semester Unit Minimum

All CED students must enroll in at least 12 units each Fall and Spring semester. (Students entering UC Berkeley as freshmen with no prior units need to complete 15 units per semester to graduate in four years.)

## Semester Unit Maximum

To request permission to take more than 20.5 units in a semester, please see the major adviser.

## Semester Limit

Students admitted as freshmen must graduate within eight fall/spring semesters at UC Berkeley. Students admitted as transfer students must graduate within four fall/spring semesters at UC Berkeley. EAP and UCDC count towards this semester limit; summer session, UC Extension, and study abroad through non-UC programs do not. Students approved for simultaneous degrees in two colleges may be granted an additional semester. CED does not limit the number of total units a student can accrue.

## Senior Residence Requirement

After reaching senior status (90 semester units earned), students must complete at least 24 of the remaining 30 units in at least two semesters in residence at UC Berkeley. To count as residence, a semester must consist of at least four passed units. Inter-campus Visitor, Education Abroad Program, UC Berkeley Washington Program, and UC Berkeley Extension units do not count toward this requirement.

Students may use Summer Session to satisfy one semester of the Senior Residence Requirement, provided that four units of coursework are completed.

## Modified Senior Residence Requirement

Participants in the UC Education Abroad Program (UCEAP) or the UC Berkeley Washington Program may meet a modified Senior Residence Requirement by completing 24 of their final 60 semester units in residence (excluding UCEAP). At least 12 of these 24 units must be completed after senior status is reached.

Most students automatically fulfill the residence requirement by attending classes here for four years. In general, there is no need to be concerned about this requirement, unless students go abroad for a semester or year or want to take courses at another institution or through University Extension during their senior year. In these cases, students should make an appointment to see an adviser to determine how they can meet the Senior Residence Requirement.

## Grade Requirements

- A 2.0 UC GPA is required for graduation.
- A 2.0 GPA within the major is required at time of graduation.

## Graduating With Honors

To graduate with distinction, students must meet the grade point average (GPA) requirement and complete at least 50 units in residence at Berkeley (this may include UCB Extension XB units and up to 20 units from UCDC or EAP), of which 43 units must be letter-graded (not including physical education activities courses). *Transfer students must make sure they complete 50 units at Berkeley to qualify for honors.*

Students' GPA in all letter-graded courses taken at Berkeley must be equal to or higher than the GPA established for honors in the year in which they graduate. These GPA cut-offs change slightly each year and are posted on the CED website.

Students must declare one of the CED majors at the time of application to the College. Even if students are certain about which major they wish to pursue, they can still benefit from doing some research about the content of the programs before applying:

- Come to a prospective student information session. For information regarding these sessions, please see the CED schedule of events on the CED website (<http://ced.berkeley.edu/events-media/events>).
- Talk with a CED adviser to clarify the nature of the major and the types of skills and coursework required.
- If possible, visit the campus, attend some classes, including upper-division courses. Talk to students, faculty, and graduate student instructors (GSI's).

## Admission to Berkeley and the College of Environmental Design

For more information regarding admission, please see the College of Environmental Design website (<http://ced.berkeley.edu/admissions/undergraduate>).

## Admission as a Transfer Applicant

Transfer applicants must complete two years worth of lower division coursework to be considered for admission to CED. See the CED website (<http://ced.berkeley.edu/admissions/undergraduate/transfer-applicants>) for detailed information about admission criteria.

## CED Admissions Ambassadors

Students are invited to meet with a CED admissions ambassador—a current undergraduate who can talk about what life is like at CED and at UC Berkeley.

To personalize visits to Wurster Hall, CED offers the following:

- Tours of Wurster Hall
- Student panel discussions about the CED student experience
- Presentations about CED
- One-on-one conversations with ambassador(s)
- Webinars, online chats, and email exchanges with ambassador(s)

For further information regarding Admissions Ambassadors, please see the CED website (<http://ced.berkeley.edu/admissions/undergraduate/ambassadors>) .

## Changing Colleges or Majors

Current UC Berkeley students may apply to change into the College of Environmental Design. Students can be considered for a change of college if they satisfy the following:

- Apply by the end of their third semester
- Have completed at least one semester of coursework at UC Berkeley
- Have completed the required lower division courses outlined in the Change of College petition for their desired major
- Are able to complete their degree within CED's semester limit
- Have a grade point average (GPA) of 2.0 or above

Download the Change of College application here (<http://ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents>) .

## Study Abroad

The College of Environmental Design (CED) encourages all undergraduates in the College to study abroad. Whether students are interested in fulfilling general education requirements, taking courses related to their major/career, or simply living and studying in a country that is of interest to them, CED will work with students to make it happen.

## CED Career Services

The CED Career Services Center (CSC) offers personalized career counseling, a yearly CED Career Fair, and a wide variety of professional-development workshops on topics such as licensure, internships, and applying for graduate school. For further information, please see the CED Career Services website (<http://ced.berkeley.edu/ced/students/career>) .

## Prizes and Awards

CED offers a number of annual prizes, awards, scholarships, fellowships, and grants to its currently enrolled students. Some of these prizes and awards are college-wide, and some are geared toward students in specific majors. For information regarding CED prizes and awards, including application instructions and a deadline calendar, please click here (<http://ced.berkeley.edu/ced/students/prizes>) .

## CED Events and Exhibits Calendar

CED and Wurster Hall is home to a variety of events, lectures, and exhibitions that welcome professors, professionals, and friends to the College to discuss and celebrate the community and professions. Through events and media, CED is constantly creating ways to keep the college connected and up-to-date. To view the calendar, please click here (<http://ced.berkeley.edu/events-media/events>) .

## Cal Design Lab

The Cal Design Lab at Wurster Hall is an experimental studio space to promote hands-on, interdisciplinary design activities. Faculty and students from UC Berkeley's many schools and departments can come together at the Cal Design Lab to work on critical design challenges. The goal of the lab is to be a nexus for design research and practice

and to facilitate discourse that transcends different design disciplines. For further information on the Cal Design Lab, please click here (<http://ced.berkeley.edu/research/cal-design-lab>) .

## CED Lecture Series

The departments of Architecture, City and Regional Planning, and Landscape Architecture and Environmental Planning each sponsor lecture series, which offers students the opportunity to hear internationally-acclaimed speakers for free. These speakers often also participate in classes and seminars as part of their visit to campus. For a schedule of speakers and events in these lecture series, please see the CED website (<http://ced.berkeley.edu/events-media/lecture-series>) .

## CED Mentorship Program

Mentors are an invaluable resource for current students, and one of the strengths of the College of Environmental Design is its strategic partnership with practicing professionals, many of whom are CED graduates. The CED Mentorship Program (<http://www.ced.berkeley.edu/mentorship/login.php>) offers students opportunities to develop a better understanding of the various professions in the fields of design and planning through the guidance and insight of knowledgeable alumni.

## Research Opportunities, Internships, Public Service, and Volunteer Opportunities

For additional opportunities, please see the CED Advising website (<http://ced.berkeley.edu/ced/students/undergraduate-advising>) .

**CED on Facebook** (<https://www.facebook.com/groups/59611725522>)

**CED on Twitter** (<https://twitter.com/CEDNews>)

The CED Office of Undergraduate Advising provides a wide array of programmatic and individual advising services to prospective and current students as well as to students in other colleges who are pursuing CED minors or taking CED courses. The professional advising team assists students with a range of issues including course selection, academic decision-making, achieving personal and academic goals, and maximizing the Berkeley experience.

## Advising Staff

**Architecture Major Adviser, Last Names A-N:** Rachel Klein, 250 Wurster Hall, [rachelk@berkeley.edu](mailto:rachelk@berkeley.edu) , 510-642-4944

**Architecture Major Adviser, Last Names O-Z & College Evaluator:** Lauren Worrell, 250 Wurster Hall, [worrell@berkeley.edu](mailto:worrell@berkeley.edu) , 510-642-0928

**Landscape Architecture Major Adviser:** Omar Ramirez, 250 Wurster Hall, 510-642-0926

**Sustainable Environmental Design:** Lauren Worrell, 250 Wurster Hall, [worrell@berkeley.edu](mailto:worrell@berkeley.edu) , 510-642-0928

**Urban Studies Major Adviser:** Omar Ramirez, 250 Wurster Hall, 510-642-0926

**Director, Undergraduate Advising:** Susan Hagstrom, 250 Wurster Hall, [hagstrom@berkeley.edu](mailto:hagstrom@berkeley.edu) , 510-642-0408

**Associate Dean for Undergraduate Studies:** Renée Chow, 366 Wurster Hall, [rychow@berkeley.edu](mailto:rychow@berkeley.edu)

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development workshops on topics such as licensure, internships, and applying for graduate school. For further information or to schedule an appointment with the Career Counselor, please see the CED Career Services website (<http://ced.berkeley.edu/ced/students/career>) .

## Undergraduate Advising Hours

**Fall/Spring:** Monday-Friday, 10am-12pm (office opens at 9:00 AM) & 1:00pm-4:00pm

**Summer:** Monday-Friday, 10:00am-12:00pm & 1:00pm-3:00pm

## Address

Office of Undergraduate Advising  
College of Environmental Design  
250 Wurster Hall #1800  
University of California  
Berkeley, CA 94720-1800

## Phone

510-642-4943

## Program Requirements

For the most current information regarding major and minor program requirements and college-wide policies, please see the following pages on the CED website:

- Newly-Admitted Students (<http://ced.berkeley.edu/ced/students/undergraduate-advising/newly-admitted-students>)
- Current Students (<http://ced.berkeley.edu/ced/students/undergraduate-advising/continuing-students>)
- Graduation and Commencement (<http://ced.berkeley.edu/ced/students/undergraduate-advising/graduation-commencement>)
- Services and Contract (<http://ced.berkeley.edu/ced/students/undergraduate-advising/services-contract>)
- Articulation (<http://ced.berkeley.edu/ced/students/undergraduate-advising/articulation>)
- Policies and Resources (<http://ced.berkeley.edu/ced/students/undergraduate-advising/policies-resources>)
- Forms and Documents (<http://ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents>)

## Mission

The College of Environmental Design (CED) Office of Undergraduate Advising helps students graduate in a timely way with a meaningful educational experience at Berkeley. In alignment with the College's Vision and Principles, the Office collaborates with CED faculty, deans, and student service units across campus toward the common objective of supporting students as they achieve their educational and career goals. The Office of Undergraduate Advising seeks to achieve the following:

- Attract a highly-motivated, diverse pool of applicants
- Connect students with resources that match their goals and aspirations
- Support the development and transformation of our undergraduates as they become educated, active and socially just citizens of the world
- Prepare graduates who are uniquely qualified and highly sought after in their field of choice

## Advising Values

**Student Success.** Above all, the Office of Undergraduate Advising dedicates itself to maximizing student potential and to helping students succeed in their university experiences. Advisors encourage students to explore their minds and their hearts, challenge them to do their best work, and help them realize their talents and passions and achieve their goals.

**Equity & Inclusion.** Commitment to creating an inclusive environment in which any individual or group can be and feel welcomed, respected, supported and valued. Advisors aspire to provide fair treatment, access, opportunity, and advancement for all students and to identify and eliminate barriers that prevent the full participation of all.

**Health & Well-Being.** Collaboration with campus partners to keep the CED community healthy by helping students balance the physical, intellectual, emotional, social, occupational, spiritual and environmental aspects of life.

**Advising Excellence.** In all that they do, advisors strive to deliver personalized advising services of the highest quality. They also seek to continuously educate themselves on developments in the field and to evaluate, improve, and streamline services to support students in obtaining the best education and experience possible.