

LANDSCAPE ARCHITECTURE MAJOR HANDBOOK

**DEPARTMENT OF LANDSCAPE ARCHITECTURE
AND ENVIRONMENTAL PLANNING**

COLLEGE OF ENVIRONMENTAL DESIGN

UNIVERSITY OF CALIFORNIA, BERKELEY

2012-2013

Download this handbook from the web at ced.berkeley.edu/advising/forms

LANDSCAPE ARCHITECTURE AT BERKELEY

The 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 B.A. 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. Each core studio is team-taught, includes carefully coordinated lecture modules that introduce professional specializations, and focuses on a specific type of design problem in landscape architecture. The core studios ensure that undergraduate students benefit from the department's full range of interests and expertise.

Accreditation and Licensure. The B.A. 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 at <http://www.latc.ca.gov/> and the Council of Landscape Architectural Registration Boards at <https://www.clarb.org/> for more information about licensure in California.

Minors. See the CED website for information on undergraduate minors offered by the Department of Landscape Architecture and Environmental Planning, as well as other minors available to landscape architecture majors.

UNDERGRADUATE ADVISING

FACULTY ADVISORS

Department Chair

G. Mathias Kondolf
202 Wurster Hall
510-643-6165
kondolf@berkeley.edu

Faculty Advisor

Chip Sullivan
302 Wurster Hall
510-642-2938

Associate Dean for Undergraduate Studies

Associate Professor Renee Chow
366 Wurster Hall
rychow@berkeley.edu

STAFF ADVISORS

Office of Undergraduate Advising

250 Wurster Hall
510-642-4943
ced.berkeley.edu/advising

Landscape Architecture Advisor

Omar Ramirez
250 Wurster
510-642-4943
510-642-0926 (direct)
oramirez@berkeley.edu

Director of CED Undergraduate Advising

Susan Hagstrom
250 Wurster
510-642-4943
510-642-0408 (direct)
hagstrom@berkeley.edu

College Evaluator (transfer work evaluation)

Lauren Worrell
250 Wurster
510-642-4943
510-642-0928 (direct)
worrell@berkeley.edu

DEGREE REQUIREMENTS

Summary of Degree Requirements

- A. University and Berkeley Campus Requirements
- B. CED College Requirements
- C. Landscape Architecture Major Requirements
- D. General Electives (optional to reach 120 units)
- E. Unit and Semester Requirements

A. *University and Berkeley Campus Requirements*

All undergraduate students at UC Berkeley must complete:

- Entry-Level Writing Requirement
- American History and Institutions
- American Cultures

B. *CED College Requirements*

Students who have been away from the University for five or more years are held to the college and major requirements that are in place when they re-enroll at UCB.

1. Reading & Composition A & B. *See the CED Advising website for more information on R&C course placement. Must be completed with a letter grade of C- or better.*
2. Seven Course Breadth Requirement. *This requirement must be fulfilled with courses taken outside of the College of Environmental Design.*
 - Physical Science—choose one: EPS 50, EPS 80, ENV SCI 10 and ENV SCI 10L (if taken prior to Fall 2011), Physics 7A, Physics 8A, Physics 10, Physics C10 (also fulfills lower division major requirement)
 - Biological Science—choose one: Biology 1B, Biology 11 (must be taken concurrently with Biology 11L), ESPM 2, ESPM 6, ESPM 101A, LD ARCH 12, Plant Biology 40 (also fulfills lower division major requirement)
 - Social and Behavioral Sciences*
 - Historical Studies*
 - International Studies*
 - Philosophy and Values*
 - Arts and Literature*

* May be taken on a Passed/Not Passed basis (maximum of one requirement). *All other courses above must be completed with a letter grade of C- or better.*

For a list of courses that fulfill the Seven Course Breadth Requirement, see <http://ls-advise.berkeley.edu/requirements/breadth7.html>. *CED students cannot use CED courses to fulfill breadth requirements, even if they appear on this list.* In addition, CED students may not use any courses cross-listed with CED courses to fulfill breadth.

CED students may use any second semester language course to fulfill the International Studies (IS) breadth requirement (exception: students may *not* use their native language to fulfill IS breadth). IS may also be satisfied by participation in the UC Education Abroad Program or a recognized equivalent program.

CED students may apply high school exam credit (Advanced Placement, International Baccalaureate, A-Level Exam) towards many of the above requirements. See the CED website section on High School Exam Credit for more information:

<http://www.ced.berkeley.edu/advising/forms>

3. Three Upper-division College of Environmental Design courses. *Must be completed with a letter grade of C- or better.*

Three upper-division CED courses must be taken outside the landscape architecture department (nine units minimum). Each of the three courses must be at least two units and must be within the 100-299 course number range. This requirement can be fulfilled with courses in Environmental Design, Visual Studies, Architecture, and City and Regional Planning.

C. Landscape Architecture Major Requirements

Students who have been away from the University for five or more years are held to the college and major requirements that are in place when they re-enroll at UCB.

1. Lower-Division Major Requirements:

These courses must be completed with a letter grade of C- or better.

- ENV DES 1 People and Environmental Design
- ENV DES 11A Introduction to Visual Representation and Drawing
- ENV DES 11B Introduction to Design
- Physical Science (course also completes Physical Science breadth requirement) – Choose one:
 - EPS 50 The Planet Earth
 - EPS 80 Environmental Earth Sciences
 - ES 10 Introduction to Environmental Sciences **AND** ES 10L Field Study in Environmental Sciences (if taken prior to Fall 2011)
 - Physics 7A Physics for Scientists and Engineers
 - Physics 8A Introductory Physics
 - Physics 10 Descriptive Introduction to Physics
 - Physics C10 (cross-listed with Letters and Science C70V) Descriptive Introduction to Physics
- Biological Science (course also completes Biological Science breadth requirement) – Choose one:
 - Biology 1B General Biology
 - Biology 11 Introduction to the Science of Living Organisms **AND** Biology 11L Laboratory for BIO 11
 - PLANTBI 40 The (Secret) Life of Plants – Plant and Microbial
 - ESPM 2 The Biosphere
 - ESPM 6 Environmental Biology *prereq: 1 course in intro college biology preferred
 - ESPM 101A Sierra Nevada Ecology *prereq: 8 units of Biological Science or consent of instructor
 - LD ARCH 12 Environmental Science for Sustainable Development

2. Upper Division Major Requirements, 12 courses (45 units):

You must earn a 2.0 average in the upper division major requirements.

- LD ARCH 101 (5) Fundamentals of Landscape Design (Topographic Form and Design)
- LD ARCH 102 (5) Case Studies in Landscape Design (Design Development Studio)
- LD ARCH 103 (5) Energy, Fantasy, and Form
- LD ARCH 110 (4) Ecological Analysis

- LD ARCH 112 (4) Landscape Plants: Identification and Use
- LD ARCH 120 (3) Topographic Form and Design Technology
- LD ARCH 121 (4) Design in Detail: Introduction to Landscape Materials and Construction
- LD ARCH 132 (4) Computer Applications in Environmental Design
- LD ARCH 134A (3) Drawing Workshop I
- LD ARCH 134B (3) Drawing Workshop II
- LD ARCH 135 (3) The Art of Landscape Drawing
- LD ARCH 170 (3) History and Literature of Landscape Architecture

D. General Electives

Students may need to take additional courses to reach the 120 units required for graduation.

E. Unit and Semester Requirements

The Bachelor of Arts degree in the College of Environmental Design requires the successful completion of at least 120 semester units of courses subject to certain rules:

- 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 this 120 minimum.

Unit Minimum

CED students must enroll in at least 12 units each fall and spring semester. *(Students entering UCB with no prior units would need to complete 15 units per semester to graduate in four years.)*

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.

Senior Residence Requirement

After reaching senior status (with 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 4 passed units. [Intercampus Visitor](#), [Education Abroad Program](#), [UC Berkeley-Washington Program](#), and [UC Berkeley Extension](#) units are **not** applied to this requirement.

Students may use [Berkeley Summer Sessions](#) to satisfy one semester of the Senior Residence Requirement, provided that four units of course work are completed.

Modified Senior Residence Requirement

Participants in the [UC Education Abroad Program](#) (EAP) or the [UC Berkeley-Washington Program](#) may meet a Modified Senior Residence Requirement by completing 24 (excluding EAP) of their final 60 semester units in residence. At least 12 of these 24 units must be completed after senior status (90 units) 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 you go abroad for a semester or year or want to take courses at another institution or through University Extension during your senior year. In these cases, you should make an appointment to see an adviser to determine how you can meet the Senior Residence Requirement.

SAMPLE GRADUATION PLAN

FRESHMAN

Fall Semester	Units	Spring Semester	Units
R&C A	4	R&C B	4
Env Des 1	4-6	Env Des 11A	4
Bio Sci for Major (fills Breadth #1, BS)	3-4	Phys Sci for Major (fills Breadth #2, PS)	2-4
Electives	0-4	Electives	0-4
TOTAL	12-18	TOTAL	12-16

SOPHOMORE

Fall Semester	Units	Spring Semester	Units
Breadth #3	2-4	Env Des 11B	5
Breadth #4	2-4	Breadth #6	2-4
Breadth #5	2-4	Breadth #7	2-4
Electives	0-4	Electives	0-4
TOTAL	12-16	TOTAL	12-17

JUNIOR

Fall Semester	Units	Spring Semester	Units
LD ARCH 101	5	LD ARCH 102	5
LD ARCH 110	4	LD ARCH 112	4
LD ARCH 134A	3	LD ARCH 170	3
LD ARCH 134B	3	CED Upper Div Non-Major #1	2-4
TOTAL	15	TOTAL	14-16

SENIOR

Fall Semester	Units	Spring Semester	Units
LD ARCH 103	5	LD ARCH 121	4
LD ARCH 120	3	LD ARCH 132	4
American Cultures or elective, if needed	1-4	CED Upper Div Non-Major #2	2-4
LA 135	3	CED Upper Div Non-Major #3	2-4
TOTAL	12-15	TOTAL	12-16

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, you 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.*
- Your 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 you graduate. These GPA cut-offs change slightly each year and are posted on the CED website.

DEADLINES AND POLICIES

See the CED advising website for the most up-to-date information: ced.berkeley.edu/advising

CED MINORS

Minors offered by the college of Environmental Design include:

- [Architecture](#)
- [City & Regional Planning](#)
- [Environmental Design and Urbanism in Developing Countries](#)
- [Geospatial Information Science and Technology](#) (College of Natural Resources for paperwork and advising)
- [History & Theory of Landscape Architecture & Environmental Planning](#)
- [History of the Built Environment](#)
- [Social & Cultural Factors in Design](#)
- [Sustainable Design](#)

Minors generally consist of five upper-division courses plus any lower-division prerequisites to those courses. Any course taken for your minor may also be used to fulfill major and upper-division CED non-major requirements. Courses used to fulfill a breadth requirement may also be used to satisfy a minor requirement. Students may apply the non-CED version of a CED cross-listed course towards a minor.

See [CED Minors](#) on the web for more information.

The *City Planning Minor Intent* form and the *CED Minor Completion Form* are available on-line in the Minors section of [CED Forms & Documents](#). You must fill out the completion form if you want your CED minor to show on your transcript.

CED students may pursue minors in any of the other undergraduate schools and colleges at UC Berkeley.

DEGREE AUDIT REPORTING SYSTEM (DARS)

DARS is a service designed to assist you with planning and tracking your progress toward graduation by comparing or auditing your academic record against the requirements for your bachelor's degree. Your

DARS report includes completed UC Berkeley courses, transfer credit, and in-progress courses (the ones you're taking now).

To request a DARS report, [go to the Bear Facts page](#), click the DARSweb link, and log in with your CalNet ID and Passphrase.

- Click the "Audits" tab and select "Request New Audit."
- Select either "Run for current major" (the default) or for any "selected program" (a "what if" scenario).
- Click the "Submit New Audit" button.
- Wait a few moments for your report to run, then click the "Refresh List" button. You may have to click it a few times.
- When your new request appears on the list below, click the "Open Audit" button to its left.

There is no limit to the number of DARS reports you can request, but only the ten most recent will be saved. The most recent report always appears at the top of the list.

Request a new DARS Report at least once a semester and whenever you change your course schedule. Each report is up-to-date as of the date and time it is generated. Changes, updates or corrections to either your degree requirements or your academic record (e.g., adding or dropping courses; grade changes; new transfer credit; declaring, adding or changing majors, etc.) will change the results of your report.

DARS is an unofficial report and does not eliminate the need for advising! It should be used in consultation with College and Major advisers, who make the final determination about completion of degree requirements.

If you notice any errors in your Degree Audit, submit the *DARS Correction Request* form (<http://ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents/>) to the Office of Undergraduate Advising in 250 Wurster.

FINANCIAL AID BUDGET APPEALS

Students are allowed to submit a request to the Financial Aid Office to increase the size of their standard budget for certain expenses that are above the standard amounts: housing, a computer (once every three years), uninsured medical/dental/optical expenses, and child care.

In addition, CED students who are enrolled in a studio course may submit a budget appeal for additional loan or work-study to help cover studio-related expenses. To request additional financial aid to help with studio expenses, you will need to include with your appeal the "Estimated Undergrad Studio Expenses for Financial Aid Appeals" document, available on the CED website:
<http://ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents/>

For more information on budget appeals, see
<http://students.berkeley.edu/finaid/undergraduates/budgetappeal.htm>.