

# **LANDSCAPE ARCHITECTURE MAJOR HANDBOOK**

**DEPARTMENT OF LANDSCAPE ARCHITECTURE  
AND ENVIRONMENTAL PLANNING**

**COLLEGE OF ENVIRONMENTAL DESIGN**

**UNIVERSITY OF CALIFORNIA, BERKELEY**

**2011-2012**

## 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

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## COURSE 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, 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, 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) 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 for more information: <http://www.ced.berkeley.edu/advising/continuingstudents/transferringcredit>

3. 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
  - Physics 10 Descriptive Introduction to Physics
  - Physics C10 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

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 111 (3) Plants in Design
- 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 135 (3) The Art of Landscape Drawing

- LD ARCH 170 (3) History and Literature of Landscape Architecture

Please see the last page of this handbook or the forms page of the CED website for an example of the requirements and sequence of Landscape Architecture Major.

#### **D. General Electives**

Students may need to take additional courses to reach the 120 units required for graduation. No more than 48 units from a single department can be used towards this 120 minimum.

#### **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.

#### **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.

## **GRADE REQUIREMENTS**

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

## **DEADLINES AND POLICIES**

See the CED advising website for the most up-to-date information: [ced.berkeley.edu/advising](http://ced.berkeley.edu/advising)

**DEPARTMENT OF LANDSCAPE ARCHITECTURE ENVIRONMENTAL PLANNING - UC BERKELEY  
REQUIREMENTS AND SEQUENCE FOR B.A. DEGREE**

<b>BREADTH REQUIREMENTS and ENVIRONMENTAL DESIGN COURSES (ED 1, ED 11A, ED 11B) must be completed prior to your Junior Year</b>			
Freshman	Units	Freshman	Units
<b>FALL</b>		<b>SPRING</b>	
Entry-Level Writing Requirement (See General Catalog) †		American Institutions (See General Catalog) †	
Reading and Composition A (UCB requirement)	4-6	Reading and Composition B (UCB requirement)	4
Breadth: Biological Science (see specific courses for Landscape)	3-4	Breadth: Physical Science (see specific courses for Landscape)	2-4
<b>ED 1: Introduction to Environmental Design</b>	3	<b>ED 11A: Environmental Design I (ED 1)</b>	4
Breadth Requirement *	2-4	Elective ‡	
<b>Sophomore</b>	<b>Units</b>	<b>Sophomore</b>	<b>Units</b>
<b>ED 11B: Environmental Design II (ED 11A)</b>	5	American Cultures (UCB Requirement for UCB Students)	4
American History (See General Catalog) †	3	Breadth Requirement *	2-4
Breadth Requirement *	2-4	Breadth Requirement *	2-4
Breadth Requirement *	2-4	Elective ‡	
Elective ‡		Elective ‡	
<b>MAJOR REQUIREMENTS (LA courses must be taken in sequence below)</b>			
<b>Junior</b>	<b>Units</b>	<b>Junior</b>	<b>Units</b>
<b>LA 101: Fundamentals of Landscape Design (Topographical form and Design) (ED 11A, 11B)</b>	5	<b>LA 102: Case Studies in Landscape Design (Design Development Std) (LA 101)</b>	5
<b>LA 134A: Drawing Workshop I (ED 11A, 11B)</b>	3	<b>LA 112: Landscape Plants: Identification and Use</b>	4
<b>LA 170: History &amp; Literature of Land. Arch.</b>	3	<b>LA 132: Computer Applications for Env. Design</b>	4
American Cultures (UCB Requirement transfer students)	3	1 of 3 u.d. from CP, ED, Arch, or VS**	3-4
Elective ‡			
<b>Senior</b>	<b>Units</b>	<b>Senior</b>	<b>Units</b>
<b>LA 103: Energy, Fantasy, and Form (LA 101, 102)</b>	5	<b>LA 120: Topo Form &amp; Design Tech (LA 102)</b>	3
<b>LA 110: Ecological Analysis</b>	4	<b>LA 121: Design in Detail: Intro Landscape Materials (LA 101)</b>	4
<b>LA 111: Plants in Design (LA 101)</b>	3	1 of 3 u.d. from CP, ED, Arch, or VS**	3-4
<b>LA 135: The Art of Landscape Drawing</b>	3	1 of 3 u.d. from CP, ED, Arch, or VS**	3-4
<b>120 units are required for graduation (taking 30 units a year will allow you to graduate in 4 years)</b>			

( ) Prerequisites

† See the General Catalog - These requirements may be satisfied in High School

‡ Courses in which units will help satisfy the 12 unit semester minimum for full-time student status and/or the 120 units needed for graduation

\* College Breadth Requirements: 1 course may be taken P/NP (except for Biological Science & Physical Science)

\*\* 3 upper division courses (9 units) in CED but outside the Dept. of Landscape Architecture

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