The undergraduate program in Architecture leads to the Bachelor of Arts (BA) degree. Through its core courses, the program offers a broad introduction to the field of architecture, and through studies in the various areas it provides opportunities to prepare for specialization in the field in the areas of architectural design and representation, architectural technologies and building performance, architectural history, society and culture. In addition to offering a sound and well-rounded education, undergraduate studies can also provide pre-professional competency for entry-level employment in architecture, the option for graduate work in architecture, or further studies in a related environmental design field.

Many graduates go on to obtain Master of Architecture or related degrees; others work in architectural offices, construction, government, or industry. Employment opportunities exist also at the community level, particularly in those communities which traditionally have not been served by professional architectural practice. The overall aim of the undergraduate program is to establish a strong foundation for a diversity of careers and to provide for mobility and flexibility to suit changing individual opportunities.

For information about the College of Environmental Design's degree programs, see ced.berkeley.edu/academics/

**Accreditation and Licensing.** The BA degree is a pre-professional degree and provides the foundation for entry to a Master of Architecture program, the most widespread professional degree program in Architecture in the US. The BA degree can also be applied toward licensing requirements in the State of California. See the National Architectural Accrediting Board naab.org for more information on accreditation. See the California Architect's Board cab.ca.gov and the National Council of Architectural Registration Board http://www.ncarb.org for more information on licensing.

**MINIMUM ELIGIBILITY REQUIREMENTS FOR ADMISSION**

For information about admission to the Architecture major in the College of Environmental Design, see CED's prospective student website: http://ced.berkeley.edu/admissions/undergraduate/transfer-applicants/

- The UC applicant personal statement is important in the selection process at Berkeley. The College reviews the personal statement for evidence of the student's interest in the chosen field and a thoughtful match between the academic program and the student's academic and career objectives.

- A minimum 3.0 overall UC transferable grade-point average is required for admission consideration.
Architecture, Lower Division B.A. (continued)

- All courses required for admission, including breadth requirements, must be taken for a letter grade.

- Course work must be completed by the end of the spring term that precedes fall enrollment at Berkeley.

- As a community college transfer applicant you must complete, at a minimum, course work identified on ASSIST.org as comparable to the following UC Berkeley courses:

  LOWER-DIVISION MAJOR REQUIREMENTS
  Environmental Design 1
  Architecture 11A
  Architecture 11B
  Math 16A or 1A
  Physics 7A or 8A (this course will also fulfill CED's Physical Science breadth requirement)

Courses required for admission to the Architecture major may also be used to complete IGETC certification. Check with your community college counselor for more information.

GENERAL EDUCATION/BREADTH REQUIREMENTS

READING AND COMPOSITION (R&C)
  English R1A
  English R1B

SEVEN-COURSE BREADTH
  Arts & Literature
  Biological Science
  Historical Studies
  International Studies
  Philosophy and Values
  Physical Science (Physics 7A or 8A will also fulfill the lower-division major requirement)
  Social and Behavioral sciences

You must fulfill all of the required Lower-Division Major and General Education/Breadth Requirements outlined above to be considered for admission. All courses required for admission, including General Education/Breadth Requirements, must be taken for a letter grade.

If you are using IGETC to fulfill CED's College Requirements, you must have full certification. Partial certification will not complete the requirements. Be sure to check with your community college about the procedures involved in certification of IGETC. The University will require the official certification by the July 1 deadline.
Architecture, Lower Division B.A. (continued)
If you will not complete IGETC certification, you must follow exactly the articulation agreements between your school and the CED architecture major as described on this ASSIST.org website.

Regardless of how you complete the General Education/Breadth Requirements, you must also complete the Lower-Division Major Requirements with articulated courses outlined on ASSIST.org.

Required: Knowledge of Adobe Suite, AutoCAD, and Rhinoceros.

For more information on applying to CED:
College of Environmental Design
Office of Undergraduate Advising
250 Wurster Hall
ced.berkeley.edu/ced/students/undergraduate-advising/
(510) 642-4943

Prospective student website:
http://ced.berkeley.edu/admissions/undergraduate/transfer-applicants

For more information on admission to UC Berkeley:
http://admissions.berkeley.edu

For more information on majors at UC Berkeley:
Berkeley Academic Guide: http://guide.berkeley.edu

LOWER-DIVISION MAJOR REQUIREMENTS

If your college does not offer articulated Lower-Division Major Requirements, you must find another school that does. See the CED prospective student website for a list of colleges that offer articulated ARCH and ENV DES courses: ced.berkeley.edu/ced/students/undergraduate-advising/articulation#table

You may also wish to look into taking the mandatory Lower-Division Major Requirements at UC Berkeley during the summer (see http://summer.berkeley.edu) or via University Extension Concurrent Enrollment if class space is available (see http://extension.berkeley.edu/info/enrollment.html).
To: UC Berkeley, From: College of San Mateo, 18-19

Architecture, Lower Division B.A. (continued)

Some students are able to take one or more of the Lower-Division Major Requirements at UC Berkeley via the Intersegmental Cross-Enrollment program, which allows students who meet certain eligibility criteria AND are enrolled at a California community college to enroll in a maximum of one course per academic term at UC Berkeley on a space-available basis, paying community college fees. See classes/visitor-and-exchange-programs

Finally, if it is impossible for you to attend a school that offers courses articulated with the mandatory Lower-Division Major Requirements, you may submit comparable courses for evaluation using the "Evaluation of Transfer Coursework: Prospective Students" form on this page: ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents.

If you do not complete the articulated Lower-Division Major Requirements, you will not be admitted to CED.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV DES 1</td>
<td>People and Environmental Design</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 100</td>
<td>Survey of Modern Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 666</td>
<td>Introduction to Architecture</td>
<td>1</td>
</tr>
<tr>
<td>ARCH 11A</td>
<td>Introduction to Visual Representation and Drawing</td>
<td>4</td>
</tr>
<tr>
<td>ARCH 120</td>
<td>Architecture + Design: Drawing I: Drawing and Visual Thinking</td>
<td>2</td>
</tr>
<tr>
<td>ARCH 140</td>
<td>Architecture + Design: Drawing 2: Design Communication</td>
<td>2</td>
</tr>
</tbody>
</table>

**NOTE:** ARCH 11A formerly ENV DES 11A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 11B</td>
<td>Introduction to Design</td>
<td>5</td>
</tr>
<tr>
<td>ARCH 210</td>
<td>Design I: Introduction to Architecture, Environmental Design and the Design Process</td>
<td>4</td>
</tr>
<tr>
<td>ARCH 220</td>
<td>Design II: Architecture: Design, Form and the Built Environment</td>
<td>4</td>
</tr>
</tbody>
</table>

**NOTE:** ARCH 11B formerly ENV DES 11B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 16A</td>
<td>Analytic Geometry and Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1A</td>
<td>Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 241</td>
<td>Applied Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 251</td>
<td>Calculus with Analytic Geometry I</td>
<td>5</td>
</tr>
</tbody>
</table>

**PHYSICAL SCIENCE:** Take one of the following: PHYSICS 7A or PHYSICS 8A.
To UC Berkeley, From: College of San Mateo, 18-19

Architecture, Lower Division B.A. (continued)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICS 7A</td>
<td>4</td>
<td>PHYSICS 8A</td>
<td>4</td>
</tr>
<tr>
<td>Physics for Scientists</td>
<td></td>
<td>Introductory Physics</td>
<td></td>
</tr>
<tr>
<td>and Engineers</td>
<td></td>
<td>(4)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 250</td>
<td>4</td>
<td>PHYS 210 &amp;</td>
<td>(4)</td>
</tr>
<tr>
<td>Physics with Calculus I</td>
<td></td>
<td>General Physics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 211</td>
<td>(1)</td>
<td>General Physics I, Calculus Supplement</td>
<td></td>
</tr>
</tbody>
</table>

GENERAL EDUCATION/BREADTH REQUIREMENTS

All courses required for admission, including General Education/Breadth requirements, must be taken for a letter grade.

Course work must be completed by the end of the spring term that precedes fall enrollment at Berkeley.

Students may use Advanced Placement, A-Level Exams, and International Baccalaureate coursework to satisfy certain requirements. Contact the CED Office of Undergraduate advising for minimum exam scores and course equivalents: ced.berkeley.edu/ced/students/undergraduate-advising/forms-documents/

The College of Environmental Design (CED) will accept IGETC or Reading and Composition plus 7-Course Breadth to satisfy the General Education Requirements. IGETC certification will fulfill some, but not all, of the lower division admissions requirements for the College of Environmental Design. Students must still complete all of the Lower-Division Major Requirements listed above.

IMPORTANT: Students applying to the College of Environmental Design should select breadth courses from the following lists with these caveats:

1. No more than two CED courses (Architecture, Landscape Architecture, Visual Studies, Environmental Design, Urban Studies, and City and Regional Planning) may be used to fulfill CED's breadth requirements.

2. No more than two courses offered by the same department may be used towards the seven breadth requirements.

READING AND COMPOSITION (R&C)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH R1A</td>
<td>4</td>
<td>ENGL 100</td>
<td>3</td>
</tr>
<tr>
<td>Reading and Composition</td>
<td></td>
<td>Composition and Reading</td>
<td></td>
</tr>
<tr>
<td>ENGL 105</td>
<td>(5)</td>
<td>Intensive Composition</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENGLISH R1B</td>
<td>4</td>
<td>ENGL 110</td>
<td>3</td>
</tr>
<tr>
<td>Reading and Composition</td>
<td></td>
<td>Composition, Literature and Critical Thinking</td>
<td></td>
</tr>
</tbody>
</table>

7 COURSE BREADTH REQUIREMENT
Architecture, Lower Division B.A. (continued)

**** Take one course from each of the following seven areas ****

**ARTS AND LITERATURE:** Courses that involve significant engagement with arts, literature, or language (excluding language instruction or the acquisition of technical skills), either through practical engagement with works of art or through the creation of art.

Courses that satisfy the **Arts and Literature** Seven-Course Breadth Requirement:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Art and Architecture from the Ancient World to Medieval Times, (c. 1400)</td>
<td>3</td>
</tr>
<tr>
<td>ART 102</td>
<td>Art and Architecture of Renaissance and Baroque Europe, (c. 1300-1700)</td>
<td>3</td>
</tr>
<tr>
<td>ART 103</td>
<td>Art of Europe and America from the Neoclasicial to the Present, (c. 1750 to the Present)</td>
<td>3</td>
</tr>
<tr>
<td>FILM 100</td>
<td>Introduction to Film</td>
<td>3</td>
</tr>
<tr>
<td>FILM 120</td>
<td>Film History I</td>
<td>3</td>
</tr>
<tr>
<td>FILM 121</td>
<td>Film History II</td>
<td>3</td>
</tr>
<tr>
<td>FILM 200</td>
<td>Film in Focus</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 101</td>
<td>Twentieth Century Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 105</td>
<td>The Bible as Literature</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 113</td>
<td>The Novel</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 151</td>
<td>Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 201</td>
<td>American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 202</td>
<td>American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 231</td>
<td>Survey of English Literature I</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 232</td>
<td>Survey of English Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LIT. 430</td>
<td>Greek Mythology and Classical Literature</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 100</td>
<td>Fundamentals of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 131</td>
<td>Harmony I</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 132</td>
<td>Harmony II</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 133</td>
<td>Harmony III</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 134</td>
<td>Harmony IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 202</td>
<td>Music Listening and Enjoyment</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 250</td>
<td>World Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS. 275</td>
<td>History of Jazz</td>
<td>3</td>
</tr>
</tbody>
</table>
Architecture, Lower Division B.A. (continued)

**BIOLOGICAL SCIENCE:** Courses in the biological sciences, with some cross-listings, as well as a selection of courses from related disciplines such as anthropology, nutritional sciences, and psychology.

| Courses that satisfy the Biological Science Seven-Course Breadth Requirement: | BIOL 100 | Introduction to the Life Sciences (3) |
| | BIOL 102 | Environmental Science and Conservation (3) |
| | BIOL 110 | General Principles of Biology (4) |
| | BIOL 130 | Human Biology (3) |
| | BIOL 184 | Wildlife Biology (3) |
| | BIOL 210 | General Zoology (5) |
| | BIOL 220 | General Botany (5) |
| | BIOL 230 | Introductory Cell Biology (4) |
| | BIOL 240 | General Microbiology (4) |
| | BIOL 250 | Anatomy (4) |
| | GEOG 100 | Physical Geography (3) |

**HISTORICAL STUDIES:** Most courses in the department of History, and other courses that deal primarily with the human events, institutions, and activities of the past.

| Courses that satisfy the Historical Studies Seven-Course Breadth Requirement: | HIST 100 | History of Western Civilization I (3) |
| | HIST 101 | History of Western Civilization II (3) |
| | HIST 201 | United States History I (3) |
| | HIST 202 | United States History II (3) |
| | HIST 260 | Women in American History (3) |
| | HIST 310 | California History (3) |

**INTERNATIONAL STUDIES:** Courses that involve the study of the contemporary politics, culture, arts, or socioeconomic structure of at least one country other than the U.S., or courses that involve comparison between the U.S. and another country (subcultures within the U.S. do not qualify as subjects of study for the purposes of this requirement).

**NOTE:** As of Fall 2016, study of a language other than English will not meet the International Studies Breadth requirement.

| Courses that satisfy the International Studies Seven-Course Breadth Requirement: | GEOG 110 | Cultural Geography (3) |
| | PLSC 110 | Contemporary Foreign Governments (3) |
| | PLSC 130 | International Relations (3) |
Architecture, Lower Division B.A. (continued)

PHILOSOPHY AND VALUES: Most courses in the department of Philosophy, plus courses with a major focus on religion, ethics, legal values, or leading philosophical figures.

<table>
<thead>
<tr>
<th>Courses that satisfy the Philosophy and Values Seven-Course Breadth Requirement:</th>
<th>PHIL 100</th>
<th>Introduction to Philosophy (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PHIL 244</td>
<td>Contemporary Social and Moral Issues (3)</td>
</tr>
<tr>
<td></td>
<td>PHIL 300</td>
<td>Introduction to World Religions (3)</td>
</tr>
</tbody>
</table>

PHYSICAL SCIENCE: Take one of the following: PHYSICS 7A or PHYSICS 8A.

| PHYSICS 7A | Physics for Scientists and Engineers (4) | PHYS 250 | Physics with Calculus I (4) |
| PHYSICS 8A | Introductory Physics (4) | PHYS 210 & General Physics I (4) | PHYS 211 General Physics I, Calculus Supplement (1) |

SOCIAL AND BEHAVIORAL SCIENCES: Many courses in the departments of Economics, Legal Studies, Political Science, Sociology, Social Welfare, and many courses in anthropology, geography, and psychology. A variety of courses from other disciplines and some advanced language courses with a significant linguistic component are also acceptable.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 110</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 100</td>
<td>Principles of Macro Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 102</td>
<td>Principles of Micro Economics</td>
<td>3</td>
</tr>
<tr>
<td>ETHN 101</td>
<td>Latin America and Indigenous Peoples History and Culture</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 110</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 100</td>
<td>History of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HIST 101</td>
<td>History of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>HIST 201</td>
<td>United States History I</td>
<td>3</td>
</tr>
<tr>
<td>HIST 202</td>
<td>United States History II</td>
<td>3</td>
</tr>
<tr>
<td>HIST 260</td>
<td>Women in American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 310</td>
<td>California History</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 100</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 110</td>
<td>Contemporary Foreign Governments</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 130</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 200</td>
<td>National, State and Local Governments</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 210</td>
<td>American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 215</td>
<td>Contemporary Issues in American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 110</td>
<td>Courtship, Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 110</td>
<td>Courtship, Marriage and Family</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 141</td>
<td>Race and Ethnic Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

**END OF MAJOR**