INTRODUCTION TO THE MAJOR

The Civil Engineering major offers opportunities for rigorous academic learning, fellowship, hands-on experience, and leadership. Classes are relatively small, so students get to know both the faculty and fellow students. The program provides students with a strong fundamental background in engineering science, design, and practice. Students learn to solve societal problems—in California, the United States, and the world—such as:

• Improving civil infrastructure
• Protecting resources
• Mitigating hazards
• Creating efficient and sustainable civil systems

The program is top-ranked nationally and is accredited by the Engineering Accreditation Commission of ABET.

AMPLIFY YOUR MAJOR

• Join one of the seven competitive CEE teams.
• Hone your leadership skills through ASCE, ChiEpsilon or CEE-JFC.
• Apply for research through CEE’s UROP program.
• Attend weekly company info sessions, hosted by ASCE.

DESIGN YOUR STUDIES IN CEE

The undergraduate curriculum provides flexibility and exploration within the major. Students may choose courses that span the breadth of civil and environmental engineering or students can focus their studies by choosing courses within specific areas: engineering and project management; environmental engineering; geosystems; structural engineering, mechanics and materials; or transportation engineering.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

CONNECT WITH US

Cal Day
Come to UC Berkeley's annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit ce.berkeley.edu for news and updates.

ADVISING

Connect with the CEE Undergraduate Advisor for class information and support. Email Julia Konopasek at konopasek@berkeley.edu or stop by 750 Davis Hall.

CEE at Cal is amazing because it is such a small community in such a large university. You really get to know your classmates and professors.

– Amber Chau, CEE class of 2020

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## CIVIL ENGINEERING

**Bachelor of Science**

### Design Your Journey

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<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
<th>THIRD YEAR</th>
<th>FOURTH YEAR</th>
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<tr>
<td><strong>Explore your major</strong></td>
<td><strong>Connect and build community</strong></td>
<td><strong>Discover your passions</strong></td>
<td><strong>Engage locally and globally</strong></td>
</tr>
<tr>
<td>Review the CEE 4-Year Plan and College of Engineering requirements.</td>
<td>Explore CEE student life at events hosted by the student chapter of the American Society of Civil Engineers (ASCE).</td>
<td>Visit the Office of Undergraduate Research and Scholarships to learn about research opportunities and resources on campus.</td>
<td>Meet with your advisor to discuss studying abroad in your 4-year plan.</td>
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<tr>
<td>Plan your lower division courses to avoid taking too many technicals at once.</td>
<td>Attend office hours of professors to learn about their work and how it’s applicable to the profession.</td>
<td>Learn how Engineering students can get involved in student research.</td>
<td>Explore volunteering opportunities on campus.</td>
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<tr>
<td>Get info on classes and careers at the Departmental Advising Forum hosted by Chi Epsilon.</td>
<td>Seek out mentorship from upper division students in the major.</td>
<td>Explore new topics through DeCal courses.</td>
<td>Learn about community service with the Public Service Center.</td>
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<tr>
<td><strong>WHAT CAN I DO WITH MY MAJOR?</strong></td>
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<td>Jobs and Employers</td>
<td><strong>Graduate Programs</strong></td>
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<tr>
<td>Asst. Proj. Eng., Turner Constr Assoc. Field Eng., Roux Assoc. Civil Analyst, Kimley-Horn &amp; Assoc Civil Engineer, FPL &amp; Associates Consultant, Navigate Consulting Engineer, Boomi Environmental Entry Level Engineer, SGH Hardware Engineer, Raytheon Project Engineer, Lendlease Structural Engineer, Boeing Research Associate, Synotropho Transportation Engineer, CalTrans</td>
<td>Architecture</td>
<td>Artificial Intelligence and Robotics</td>
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<td>Civil Engineering</td>
<td>City Planning</td>
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<td>Environmental Engineering</td>
<td>Mechanical Engineering</td>
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<td>Systems Engineering</td>
<td>Transportation Engineering</td>
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</tbody>
</table>

### WHAT CAN I DO WITH MY MAJOR?

**Jobs and Employers**

- Asst. Proj. Eng., Turner Constr
- Assoc. Field Eng., Roux Assoc.
- Civil Analyst, Kimley-Horn & Assoc
- Civil Engineer, FPL & Associates
- Consultant, Navigate Consulting
- Engineer, Boomi Environmental Entry Level Engineer, SGH
- Hardware Engineer, Raytheon
- Project Engineer, Lendlease
- Structural Engineer, Boeing
- Research Associate, Synotropho
- Transportation Engineer, CalTrans

**Graduate Programs**

- Architecture
- Artificial Intelligence and Robotics
- City Planning
- Civil Engineering
- Environmental Engineering
- Mechanical Engineering
- Structural Engineering
- Systems Engineering
- Transportation Engineering

### Source:
Examples gathered from the Career Destinations Survey of recent Berkeley graduates.

**Updated Last:** 04/10/2019