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.

提要

Civil Engineering
Bachelor of Science

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.

HOW TO USE THIS MAP

Visit vcue.berkeley.edu/majormaps for the latest version of this major map.

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
CIVIL ENGINEERING

DECLINE YOUR JOURNEY

Bachelor of Science

**FIRST YEAR**
- Review the CEE 4-Year Plan and College of Engineering requirements.
- Plan your lower division courses to avoid taking too many technicals at once.
- Get info on classes and careers at the Departmental Advising Forum hosted by Chi Epsilon.
- Explore CEE student life at events hosted by the student chapter of the American Society of Civil Engineers (ASCE).
- Explore student organizations at Calapalooza and on CalLink.
- Gain practical experience by joining a CEE competition team.

**SECOND YEAR**
- Continue fulfilling lower division CEE foundational requirements.
- Plan now if you are considering a minor or summer minor.
- Consider applying to the department's Undergraduate Research Opportunity Program.
- Attend office hours of professors to learn about their work and how it's applicable to the profession.
- Seek out mentorship from upper division students in the major.
- Attend field trips and networking events hosted by ASCE.

**THIRD YEAR**
- Continue working on upper division coursework.
- Choose electives that will give you specialized skills in a specific area of CEE.
- Check in with your major advisor on major requirements during office hours or at the Departmental Advising Forum.
- Attend field trips, info sessions, and networking events hosted by CEE student groups.
- Develop your professional skills by taking a leadership position in a CEE student group.
- Attend the department's Graduate School Admissions Forum.

**FOURTH YEAR**
- Complete any remaining major requirements and electives.
- Take a CEE Capstone Design class.
- Check in with a college advisor to ensure you are on track to graduate.
- Apply to graduate school, if interested.

**WHAT CAN I DO WITH MY MAJOR?**

**Jobs and Employers**
- Asst. Proj. Eng., Turner Constr
- Field Eng., Rouge Assoc.
- Civil Analyst, Kimley Horn & Assoc.
- Civil Engineer, FPL & Associates
- Consultant, Navigate Consulting
- Environmental Entry Level Engineer, SGH
- Engineering Intern, Raytheon
- Project Engineer, Lendlease
- Structural Engineer, Boeing
- Research Associate, Synvetrobio
- Transportation Engineer, CalTrans

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

**Examples gathered from the Career Destinations Survey of recent Berkeley graduates.**

**Updated Last: 09052019**

**Asian Engineering Network**
- **Visit the Career Center and use the Yearly Planner to guide your career path.**
- **Join Handshake to find Berkeley-specific career opportunities and resources.**
- **Apply to shadow an engineer.**
- **Shadow alumni in the Winter Internship Program.**

**Join College of Engineering networks for students and alumni.**
- **Meet alumni and learn about their career paths in the Career Connections Networking Series.**
- **Attend CEE Career Fairs to find summer jobs, internships and full time positions.**

**Attend CEE Connections to find mentorship and opportunities in Civil Engineering.**
- **Attend the department's Graduate School Night and learn how to prepare for graduate school.**
- **Spend your summer doing research or interning at an engineering firm.**

**Attend career fairs by the American Society of Civil Engineers and the Career Center.**
- **Attend info sessions hosted by CEE-JFC.**
- **Apply to jobs or graduate school.**