Berkeley Engineering is among the top engineering programs in the nation as ranked by U.S. News & World Report.

**UNDERGRADUATE ENGINEERING**
**RANKED #2** (2022)
1st Civil engineering
1st Environmental engineering
2nd Electrical engineering
3rd Chemical engineering *
3rd Computer engineering
3rd Materials engineering
4th Mechanical engineering
6th Bioengineering
7th Industrial engineering
n/a Engineering science, Nuclear engineering **

**GRADUATE ENGINEERING**
**RANKED #3** (2023)
1st Civil engineering
1st Electrical engineering
2nd Environmental engineering
2nd Chemical engineering *
2nd Computer engineering
2nd Industrial engineering
2nd Materials engineering
3rd Mechanical engineering
4th Nuclear engineering
4th Bioengineering

* Offered through the College of Chemistry
** USN&WR last ranked undergraduate engineering science/ engineering physics programs in 2016 and nuclear engineering programs in 2004.

### OUR FACULTY | 247 faculty

76 members

6 Turing Award recipients
53% Female new faculty hires in 2021
20% Underrepresented minority (URM) new faculty hires in 2021
97 Endowed chairs and distinguished faculty
1,600+ Inventions by Berkeley Engineering researchers

### OUR ALUMNI | 73,000+ alumni

117+ Countries
161 Members of the National Academy of Engineering

One-third of new graduates head to graduate school. Others find work in:

- Business 55%
- Industry 38%
- Government 3%
- Education 3%

### OUR ENGINEERING STUDENTS | 4041 undergraduates, 2790 graduates

32.1% Female students
14.6% URM students
12.8% International students
24% First-generation undergraduates
842 Pell Grant recipients
7.6% Freshman admit rate 2021-22
90+ # of engineering student organizations and competition teams that students can join to enrich their learning experience

90%

Entering freshmen graduate within 6 years

Enter your signature here

$110,000

Median starting salary of 2021 undergraduates joining the workforce

Graciela Mendoza-Beginez, student speaker commencement, 2019 (Photo by Adam Lau)
## UNDERGRADUATE MAJORS & MINORS

<table>
<thead>
<tr>
<th>Major/Program</th>
<th>Website</th>
<th>Major Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Engineering</td>
<td>aero.berkeley.edu</td>
<td><a href="mailto:aero@berkeley.edu">aero@berkeley.edu</a></td>
</tr>
<tr>
<td>Bioengineering</td>
<td>bioeng.berkeley.edu</td>
<td><a href="mailto:bioeng@berkeley.edu">bioeng@berkeley.edu</a></td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
<td>ce.berkeley.edu</td>
<td><a href="mailto:aao@ce.berkeley.edu">aao@ce.berkeley.edu</a></td>
</tr>
<tr>
<td>Electrical Engineering &amp; Computer Sciences</td>
<td>eecs.berkeley.edu</td>
<td><a href="mailto:prospective-ugradstudents@eecs.berkeley.edu">prospective-ugradstudents@eecs.berkeley.edu</a></td>
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<tr>
<td>Engineering Science Program</td>
<td>engineeringscience.berkeley.edu</td>
<td><a href="mailto:engineeringscience@berkeley.edu">engineeringscience@berkeley.edu</a></td>
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<tr>
<td>Industrial Engineering &amp; Operations Research</td>
<td>ieor.berkeley.edu</td>
<td><a href="mailto:ieor-student-services@berkeley.edu">ieor-student-services@berkeley.edu</a></td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>mse.berkeley.edu</td>
<td><a href="mailto:mse@berkeley.edu">mse@berkeley.edu</a></td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>me.berkeley.edu</td>
<td><a href="mailto:rickyv72@berkeley.edu">rickyv72@berkeley.edu</a></td>
</tr>
<tr>
<td>Nuclear Engineering</td>
<td>nuc.berkeley.edu</td>
<td><a href="mailto:kirstenw@berkeley.edu">kirstenw@berkeley.edu</a></td>
</tr>
<tr>
<td>Joint Majors</td>
<td>engineering.berkeley.edu/jointmajors</td>
<td></td>
</tr>
<tr>
<td>Management, Entrepreneurship, &amp; Technology (M.E.T.)</td>
<td>met.berkeley.edu</td>
<td><a href="mailto:met@berkeley.edu">met@berkeley.edu</a></td>
</tr>
</tbody>
</table>

### Aerospace Engineering
- Major: aerospace engineering
- Minor: aerospace engineering

### Bioengineering
- Major: bioengineering
- Minor: bioengineering

### Civil & Environmental Engineering
- Major: civil engineering
- Minors: environmental engineering; geoengineering; structural engineering

### Electrical Engineering & Computer Sciences
- Major: electrical engineering & computer sciences
- Minors: computer science; electrical engineering & computer sciences; electronic intelligent systems

### Engineering Science Program
- Majors: energy engineering; engineering math & statistics; engineering physics; environmental engineering science
- Minor: energy engineering

### Industrial Engineering & Operations Research
- Major: industrial engineering & operations research
- Minor: industrial engineering & operations research

### Materials Science & Engineering
- Major: materials science & engineering
- Minor: materials science & engineering

### Mechanical Engineering
- Major: mechanical engineering
- Minor: mechanical engineering

### Nuclear Engineering
- Major: nuclear engineering
- Minor: nuclear engineering

### Joint Majors
- bioengineering/materials science & engineering
- EECS/materials science & engineering
- EECS/nuclear engineering
- materials science & engineering/mechanical engineering
- materials science & engineering/nuclear engineering
- mechanical engineering/nuclear engineering

### Management, Entrepreneurship, & Technology (M.E.T.)
- Prospective freshmen may apply directly to this program.
- Engineering undeclared + Business
- Bioengineering + Business
- Civil engineering + Business
- Electrical engineering & computer sciences + Business
- Industrial engineering & operations research + Business
- Materials science & engineering + Business
- Mechanical engineering + Business
Berkeley Engineering offers a range of advising options to help you thrive both academically and personally. We want to make your time here as successful and rewarding as possible.

Upon admission, every Berkeley Engineering student is assigned an academic adviser based on their major. Our Engineering Student Services advisers are available to help with everything related to your undergraduate education. They answer questions about degree and graduation requirements, clarify academic policies and procedures, assist with course selection, and help address challenges you may be facing in your studies. They can also suggest enrichment opportunities or make referrals to campus resources.

We have advisers and counseling onsite at the Bechtel Engineering Center for:

» Peer advising
» Personal counseling
» Career advising
» Graduate school advising
» Undergraduate research advising

The Center for Access to Engineering Excellence (CAEE) provides free tutoring in most core engineering courses. Our tutors are upper-division engineering students who have been successful in the courses they tutor and are great at breaking down complex, technical information.

In addition to having a strong grasp of the concepts, our tutors can help students understand how and where this content will continue to assist them throughout their engineering curriculum. Tutors are available each semester.

The CAEE also provides workshops and events throughout the year that provide training and insight on:

» Professional development
» Career training
» Leadership
» Community building
» Health & wellness
» Pre-Engineering Program (PREP) gives incoming first-year students a competitive edge by jumpstarting their Berkeley Engineering experience through participation in the PREP Summer Institute.

» Transfer Pre-Engineering Program (T-PREP) offers incoming transfer students an intensive 18-day immersive summer experience to gain a head start in making the transition from community college.

» Engineering Scholars as Engaged Scholars (ES²) is a one-year program that provides incoming first-year or transfer students opportunities to combine engineering and innovation with their commitment to social justice and underserved communities.

» Transfer Success Ambassador Program extends a tradition of peer support in the Berkeley Engineering transfer community with a team of ambassadors who meet with their fellow transfer students and collaborate on workshops, events and outreach efforts.

» Engineering Scholars Program is available for PREP and PREP-eligible students in bioengineering, civil engineering, or mechanical engineering. The program provides support for core major engineering courses and it covers topics including professional development and how to get involved in research.

» Mentoring Programs are one year long and help current undergraduates develop relationships with other students, alumni and faculty; create academic support networks; and leverage opportunities for professional development. There are also specialized programs for first-generation students as well as junior transfers.

» Grand Challenges Scholars Program combines innovative curriculum and cutting-edge research experiences into a scholastic fusion that spans academic disciplines and includes entrepreneurial, global and service learning opportunities.
Exams

Some requirements can be satisfied with Advanced Placement, International Baccalaureate, A-Level, and transfer credit. Advanced Placement, International Baccalaureate, or A-Level exams can satisfy no more than two of the required six courses for the Humanities/Social Sciences requirement. There is no limit to the number of exams that can be used to satisfy technical requirements. You can see if your exam fulfills a requirement: engineering.berkeley.edu/exams.

Co-curricular learning

Much of what makes Berkeley Engineering unique is the abundance of ways our students can learn and grow. Each of the activities below offers unique opportunities to integrate material learned in the classroom with a chance to develop character and leadership skills. National research has shown that students who are involved outside the classroom have higher GPAs, are more satisfied with their college experience, develop valuable leadership and interpersonal skills, manage their time better and hone marketable skills sought by employers (e.g., teamwork, creativity, time management).

» Student Organizations and Competition Teams
   engineering.berkeley.edu/studentorgs

» Undergraduate Research
   engineering.berkeley.edu/student-research

» Summer Industry Internships
   career.berkeley.edu

Admissions

We are fully invested in preparing our future engineers to meet today’s challenges with creativity and innovation. There has never been a better time to be an engineer. Get ready to apply to be a Berkeley Engineer and get detailed information about Berkeley admissions. Learn about the college with prospective and admitted FAQs for first-year and junior transfer students: engineering.berkeley.edu/admit.
CONTACTS

Engineering Student Services
engineering.berkeley.edu/ess

UC Berkeley Office of Undergraduate Admissions
admissions.berkeley.edu

UC Berkeley Graduate Admissions
grad.berkeley.edu/admissions

UC Berkeley Visitor Services
visit.berkeley.edu