**INTRODUCTION TO THE MAJOR**

The Electrical Engineering & Computer Sciences (EECS) major combines the fundamentals of computer science and electrical engineering into one major. The EECS major prepares students:

- To pursue postgraduate education in electrical engineering, computer science, or related fields.
- For success in technical careers related to electrical and computer engineering, or computer science and engineering.
- To become leaders in fields related to electrical and computer engineering, or computer science and engineering.

**AMPLIFY YOUR MAJOR**

- Pursue your interests and challenge yourself by conducting research with EECS faculty.
- Get a competitive edge with PREP and T-PREP programs for new Engineering students.
- If eligible and interested in research, consider applying for the EECS Honors Program.
- CS Mentors is a student-run organization that provides a smaller classroom environment through group tutoring sessions.
- Explore study abroad options available to EECS majors on the EECS Study Abroad page.

**EECS or COMPUTER SCIENCE (CS)?**

There is no difference in the computer science course content between the EECS and CS majors—the difference is what other subjects you’d like to study.

If you prefer greater flexibility in your coursework, or have an interest in double-majoring within L&S, then the CS major might be a good choice. There is greater opportunity to explore other departments, such as economics, statistics, business, and music.

If you have an interest in electrical engineering, or have an interest in double-majoring in another engineering major, the EECS major may be better suited for you.

"EECS taught me to think outside the box, to approach problems and solve them." — Erica Maida, EECS student

**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. See what events the EECS Department offers at eecs.berkeley.edu.

- **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 eecs.berkeley.edu for news and updates.

**ADVISING**

Prospective and current EECS students can make an appointment to meet with an EECS advisor at berkeleyeecs.youcanbook.me. EECS advisors are located in 205 Cory Hall.

Engineering Student Services (ESS) advising is open to current EECS students and can be found at engineering.berkeley.edu/students/advising-counseling/ess-advising/. ESS Advisors are located in 230 Bechtel Engineering Center.

Visit vcue.berkeley.edu/majormaps for the latest version of this major map.
**Design Your Journey**

**First Year**
- **Explore your major**
  - Review requirements for the EECS major, COE and UC/Campus.
  - Take intro courses CS10 and/or CS8 if you have no prior coding experience.
  - Meet an advisor and map out a plan of study.
  - Refer to sample study plans for guidance.
  - Participate in faculty advising each semester.

**Second Year**
- **Connect and build community**
  - New to CS? Apply for the CS Scholars Program.
  - Get academic support from resources and counselors.
  - Become familiar with Disabled Students Program, Gender Equity Resource Center, Undocumented Student Program, and Educational Opportunity Program.

**Third Year**
- **Discover your passions**
  - Visit the Office of Undergraduate Research and Scholarships to learn about research opportunities.
  - Take a DeCal, a student-facilitated course.

**Fourth Year**
- **Engage study abroad** options now so you can incorporate them into your sophomore or junior year plans.
- Explore volunteer opportunities on campus.

**Reflect and plan your future**
- Use the Yearly Planner to guide your career path.
  - Join Handshake for Berkeley-specific career opportunities.
  - Learn about careers in EECS at the Career Center.
  - Look for internship programs at various companies specific to first-year students.

**What can I do with my major?**

**Jobs and Employers**
- Audio Test Engineer, THX
- Computing Technician, Pandora
- Consultant, Google
- CTO, Evolution Devices
- Data Scientist, Proofpoint
- Design Engineer, GM
- Developer, Salesforce
- Engineering peer advisor, or tutor at the Student Learning Center.
- Volunteer for EECS Departmental events like EECs Education Day and Cal Day.
- Explore ways to stay in touch with the EECs Department after you graduate.

**Graduate Programs**
- Artificial Intelligence and Robotics
- Business Administration
- Computer Engineering
- Computer Graphics
- Computer Programming
- Computer Science
- Computer Engineering
- Computer Graphics

**Examples gathered from the First Destination Survey of recent Berkeley graduates.**

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