MECHANICAL ENGINEERING
Bachelor of Science

INTRODUCTION TO THE MAJOR
Mechanical engineers serve society by solving problems in transportation, energy, the environment, and human health. The mechanical engineering profession encompasses numerous technical areas, and as a mechanical engineer, you'll be finding solutions to the world's most pressing issues.

We offer a major in Mechanical Engineering as well as a minor. Our undergraduate program is accredited by the Engineering Accreditation Commission of ABET, and attracts the best and brightest students to study with top-tier faculty. We are fully invested in preparing our future engineers to meet today’s challenges with creativity and innovation.

THE ME CURRICULUM
The Mechanical Engineering major provides students with a broad education emphasizing an excellent foundation in scientific and engineering fundamentals. We believe in the importance of enriching our rigorous curriculum with research opportunities, support services and team activities. The capstone of the program is the senior design experience, which assists in developing a deep understanding of the process.

AMPLIFY YOUR MAJOR
- Get involved with an Engineering student group such as the American Society of Mechanical Engineers or Pi Tau Sigma.
- Design and manufacture your engineering projects in the Student Machine Shop.
- Enrich your studies with the Sutardja Certificate in Entrepreneurship and Technology.
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### FIRST YEAR
- Meet with your ESS advisor to discuss your academic plans.
- Familiarize yourself with major and college requirements and the ME Curriculum Flowchart.
- Talk to a ME advisor about department programs and research opportunities.

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### SECOND YEAR
- Meet with your ESS advisor to discuss your academic progress and any challenges.
- Complete lower division prerequisites and start planning your upper division courses.
- Join an Engineering or ME student group, such as the American Society of Mechanical Engineers.
- Enroll in an ESS workshop or read the weekly ESS newsletter.

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### THIRD YEAR
- Focus on upper division requirements and electives.
- Continue meeting with your ESS advisor to review your academic progress.
- Submit paperwork for a double major, simultaneous degree, minor, or study abroad.
- Read the weekly ESS newsletter.

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### FOURTH YEAR
- Meet with your ESS advisor to do an official degree check and plan for your final year.
- Complete any “bucket list” courses and remaining major, college, and campus requirements.
- Compliment your major with a certificate, course thread, or summer minor.

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### Connect and Build Community
- Take advantage of tutoring and workshops for Engineering students at the Center for Access to Engineering Excellence.
- Discover student opportunities in the ESS newsletter and new student podcast.
- Find study space and resources in the Kesey Engineering Library.

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### Discover Your Passions
- Browse research taking place in Engineering centers, institutes, and labs.
- Visit the Office of Undergraduate Research and Scholarships.
- Discover new interests in a Freshman Seminar or student-run DeCal course.
- Broaden your perspective by attending Newton Series or View from the Top Lectures.

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### Engage Locally and Globally
- Attend the Calapaloosa student activities fair and get involved with a student organization.
- Explore Engineering student organizations.
- Find service opportunities through the Public Service Center.
- Explore study, internship, and research abroad options with Berkeley Study Abroad.

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### Reflect and Plan Your Future
- Visit the Career Center and Career Counseling Library.
- Check out the Career Center Yearly Planner. Sign up for Handshake and CareerMail.
- Explore career resources on the Engineering, ME, and Career Center websites.
- Attend an ESS workshop to create a resume and LinkedIn page.

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### WHAT CAN I DO WITH MY MAJOR?

The Mechanical Engineering major prepares students for employment or advanced studies with four primary constituencies: industry, the national laboratories, state and federal agencies, and academia (graduate research programs).

### Jobs and Employers
- Business Analyst, Amazon Engineer, Boeing Engineer, General Motors
- GIS Technician, Apex Systems Management Consulting Analyst, Accenture
- Mechanical Engineer, Lawrence Livermore National Labs Product Engineer, Lam Research Program Manager, Apple Manufacturing Engineer, ERG Aerospace
- Software Engineer, Cruise Tech. Product Support Engineer, Applied Materials Verification Engineer, AVS

### Graduate Programs
- Aerospace Engineering, Masters
- Biomedical Engineering, Masters
- Computer Science, Masters
- Electrical Engineering, Masters, PhD
- Geometry, PhD
- Aerospace
- Computer Science, Masters
- Materials Engineering, Masters, PhD
- Mechanical Engineering, Masters, PhD
- Medicine, MD
- Public Policy Analysis, Masters Systems Engineering, Masters

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