

UCLA

Student Learning Outcomes for the B.S. in Mechanical Engineering

The Mechanical Engineering major is a designated capstone major. Students work in teams in their capstone courses to propose, design, analyze, and build a mechanical or electromechanical device. Graduates should be able to:

- apply knowledge of mathematics, science, and engineering.
- design a system, component, or process to meet desired needs.
- function as a productive member of a team, which considers multiple aspects of an engineering problem.
- identify, formulate, and solve engineering problems.
- communicate effectively, both orally and in writing.