

UCLA

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

The Materials Engineering major is a designated capstone major. Students undertake two individual projects involving materials selection, treatment, and serviceability. Graduates should be able to:

- apply knowledge of mathematics, natural science, and engineering to the analysis of materials and other systems.
- design a system, component, or process to meet desired needs.
- learn and work independently, and practice leadership and teamwork in and across disciplines.
- identify, formulate, and solve engineering problems.
- communicate effectively in oral, graphic, and written forms.