

UCLA

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

The Civil Engineering major is a designated capstone major. In each of the major field design courses, students work individually and in groups to complete design projects. Graduates should:

- understand and be able to apply the basic mathematical and scientific concepts that underlie the modern field of Civil Engineering.
- possess the ability to meaningfully contribute to major Civil Engineering design projects.
- be capable of working productively with others as part of a team.
- possess critical thinking skills, problem solving abilities, and familiarity with the computational procedures essential to the field.
- possess effective oral and written communication skills.