

UCLA

Student Learning Outcomes for the B.S. in Environmental Science

The Environmental Science major is a designated capstone major. In collaboration with a local agency or nonprofit institution, students work individually and in groups to complete projects that require them to integrate many of the skills, principles, theories, and concepts they have learned throughout the curriculum and apply them to real systems. Students graduating with a B.S. in Environmental Science should:

- be able to apply the theories or concepts from courses within their major to the analysis of environmental science issues.
- be able to contribute meaningfully to the analysis and solution of particular environmental science issues involving multiple disciplines and multiple stakeholders with different perspectives.
- possess critical thinking skills, problem solving abilities, and familiarity with the computational and data collection and analysis procedures essential to the field.
- be able to identify ethical issues raised by a particular environmental science issue and analyze the consequences of various professional dilemmas.
- possess effective oral and written communication skills.
- be capable of working productively with others as part of a team.