

UCLA

Student Learning Outcomes for the B.S. in Geophysics/Applied Geophysics

The Geophysics/Applied Geophysics major is a designated capstone major. Students take three linked courses in Applied Geophysics with the third being a field course in which they perform geophysical mapping to solve a geological problem based on the methods learned in all three courses and in the previous courses of the major. Through the capstone experience, students demonstrate their abilities to:

- use skills and knowledge set from previous course work.
- define research methodology and data to be used.
- place their project into context of the current state of understanding.
- complete a research project from conception to written report.
- orally present results at research symposium or publish brief report of the field experience.