

# UCLA

## Student Learning Outcomes for the B.S. in Atmospheric, Oceanic, and Environmental Sciences

Students in the AOES major are expected to:

- exhibit mastery of the basic principles and tools of science via the major's and College's lower division requirements (calculus, physics, chemistry, computer programming, writing).
- show a fundamental understanding of the atmospheric and oceanic sciences via the major's upper division course requirements.
- demonstrate analytical and mathematical skills by applying learned concepts and tools to solve relevant theoretical, computational and empirical problems.
- be able to apply what they have learned through their course of study to independently identify, analyze and understand real-world problems and issues.
- demonstrate ability to effectively communicate (orally and in writing) the results and conclusions of their investigative work.