Oceanography track for AOES major

- Topic-area undergraduate advisor: Prof. Robert Eagle (robeagle@g.ucla.edu)
- Lower division classes
  - Math, physics, and chemistry requirements
  - EPSS 71. Introduction to Computing for Geoscientists (normally taught in Fall)
    - Or CEE M20 or PIC 10A (both taught all quarters)
  - AOS 51. Fundamentals of climate science (normally taught in Winter or Spring)
  - AOS 90. Introduction to undergraduate research in the climate, atmospheric, and oceanic sciences (normally taught in Winter or Spring)
  - Suggested (not required): EPSS 15. Blue Planet: Introduction to Oceanography
- Recommended core courses (4 required):
  - 103. Physical Oceanography (recommended to take in JR year)
  - M105. Introduction to Chemical Oceanography (recommended to take in JR year)
  - 107: Biological Oceanography
  - 112: Climate Change Assessment
- Advanced upper division courses (3 required)
  - Recommended:
    - 130. California's Ocean (103 or 105 recommended)
    - M120. Introduction to Fluid Dynamics
    - 135. Ocean change in the Anthropocene (103 and 105 required)
    - C160. Remote Sensing of Atmosphere and Oceans
  - Suggested:
    - 104. Fundamentals of Air and Water Pollution
    - CM114. Aquatic Geomicrobiology
    - 180. Numerical Methods in Atmospheric Sciences
- Upper division courses from other science departments (2 required)
  - Recommended:
    - C&EE 103. Applied Numerical Computing and Modeling in Civil and Environmental Engineering
    - Chem 110A. Physical Chemistry: Chemical Thermodynamics
    - EPSS 153 Oceans and Atmospheres
    - MAE 103. Elementary Fluid Mechanics
    - Math 142. Mathematical Modeling
    - Phys 131. Mathematical methods of physics
  - Suggested:
    - E&E 109. Introduction to Marine Sciences
    - Geog 104. Climatology
    - Math 136. Partial differential equations
    - Math 151A. Applied Numerical Methods
    - Stats 101A. Introduction to data analysis and regression