Oceanography track for AOS major

- Lower division classes
  - Math, physics, and chemistry requirements
  - AOS M71. Introduction to Computing for Geoscientists (normally taught in Fall)
    - Or PiC 10A (taught all quarters), but AOS M71 strongly recommended
  - AOS 51. Fundamentals of climate science
  - AOS 90. Introduction to undergraduate research in the climate, atmospheric, and oceanic sciences (normally taught in Spring)
  - Suggested (not required): EPSS 15. Blue Planet: Introduction to Oceanography
- Recommended core courses (4 required):
  - 103. Physical Oceanography (recommended to take in Fall of 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:
    - 113. Introduction to Geophysical Fluid Dynamics (101, 103, or equivalent course in fluid mechanics or transport phenomena required)
    - M120. Introduction to Fluid Dynamics
    - 130. California's Ocean (103 or 105 recommended)
    - 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
    - C111. Introduction to Machine Learning for Physical Sciences
    - CM114. Aquatic Geomicrobiology
    - 180. Numerical Methods in Atmospheric Sciences
    - C182. Data Analysis in Atmospheric and Oceanic 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 135. Ordinary Differential Equations
    - Math 142. Mathematical Modeling
    - Phys 131. Mathematical methods of physics
  - Suggested:
    - E&EB 109. Introduction to Marine Sciences
    - Geog 116. Climatology
    - Math 136. Partial differential equations
    - Stats 101A. Introduction to data analysis and regression