

Oceanography

(See also [Geography](#) and [Geology](#))

OCEN 100 OCEANOGRAPHY

A study of the physical, chemical, geological, and biological aspects of oceans with an emphasis on the methods of scientific investigation. Topics include the origin and evolution of oceans, plate tectonics, currents, waves, tides coastal processes and landforms, ocean life and ecology, and recent discoveries. Fieldtrips may be required. *Grade Option (Letter Grade or Pass/No Pass). Degree Credit.*

Units: 3

Hours/semester: 48-54 Lecture; 96-108 Homework

Recommended: Eligibility for ENGL 100.

AA/AS Degree Requirements: Area B1, B2

Transfer Credit: CSU (CSU GE Area B1, B2), UC (IGETC Area 5A, 5B)

OCEN 101 OCEANOGRAPHY LAB

Introductory laboratory exercises in plate tectonics; the geography and sediments of the seafloor; the cause and effect of weather, waves, and currents; the physics and chemistry of seawater; marine life forms; marine resources, and the effect of humans on the sea. A field trip is required. *Letter Grade Only. Degree Credit.*

Units: 1

Hours/semester: 48-54 Lab

Prerequisites: Completion of, or concurrent enrollment in OCEN 100

AA/AS Degree Requirements: Area B3 - only if OCEN 100 is successfully completed prior to or concurrently with OCEN 101

Transfer Credit: CSU (CSU GE Area B3 - only if OCEN 100 is successfully completed prior to or concurrently with OCEN 101), UC (IGETC Area 5C*)

