

OCEANOGRAPHY

OCE-1

Introduction to Oceanography

3.00 units

UC, CSU

Prerequisite: None

Description: Covers the physical, chemical, and geological processes in the oceans, including such topics as sea floor spreading, plate tectonics, coriolis effect, oceanic circulation, chemical properties of sea water, and elementary oceanographic techniques. 54 hours lecture. (Letter grade only)

OCE-1L

Introduction to Oceanography Laboratory

1.00 unit

UC, CSU

*Prerequisite: None.**Corequisite: OCE-1.*

Description: An optional laboratory science course. Emphasis on laboratory techniques, student experimentation, and laboratory demonstrations. The laboratory experiments cover the physical, chemical, biological, and geological processes which are found in the oceans. Topics include: marine sediments-types and distribution; ocean bathymetry; salinity determination; dynamic topography and waves and tides. 54 hours laboratory. (Letter grade only)