

OCEANOGRAPHY

Natural and Applied Sciences Division

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<http://www.cabrillo.edu/programs>

Oceanography Courses

OCEAN 10

Introduction to Oceanography

4 units; 3 hours Lecture, 3 hours Laboratory

Recommended Preparation: MATH 154; Eligibility for ENGL 100 and READ 100.

A lecture-demonstration course presenting some of the more important phenomena in oceanography; geological, chemical, physical and biological relationships. This course may be taught in a Distance-Learning Format.

Transfer Credit: Transfers to CSU. Transfers to UC.

OCEAN 180S

Applied Marine Science and Technology

1 unit; 1 hour Other Independent Study

Recommended Preparation: Eligibility for ENGL 100 and READ 100.

Applied Marine Science and Technology is a hands on course where students will gain "at sea experience" as well as explore careers and educational needs required to enter the broad field of marine technology. Research and study will be conducted in the classroom, at the library and using the World Wide Web. In addition, students will go out to sea onboard the Team O'Neill Catamaran and study shipboard operations, seawater chemistry, marine navigation using Global Positioning Systems (GPS) and hand-held compasses, and marine ecology and plankton. Students will create a research report describing changes and quality of seawater chemistry and plankton taxonomy of the northern part of Monterey Bay.