

OCE: General Oceanography Courses

Courses

OCE 3007 Concepts of Oceanography and Marine Biology

3 sh (may not be repeated for credit)

Prerequisite: BSC 2011/L

This course is an examination of the principal ecosystems of the world's oceans, emphasizing the biotic and abiotic factors that contribute to the distribution of marine organisms. This course will focus on ocean literacy: awareness and understanding of the fundamental concepts about the history, function, contents, and utilization of the ocean. Emphasis will be placed on marine environmental issues and climate change.

OCE 3905 Directed Study

1-12 sh (may be repeated indefinitely for credit)

OCE 4265 Remote Sensing of Oceans

3 sh (may not be repeated for credit)

Prerequisite: BSC 2311

Provides a foundation in cartographic and remote sensing principles, and practical experience with remote sensing applications as they relate to the world's oceans. It examines basic concepts of electromagnetic radiation and its interaction with earth. Remotely sensed images from sensors such as SeaWiFS, AVHRR, and Topex/Poseidon will be discussed. Exercises will cover ocean color, sea surface temperature altimetry, and sea ice.

OCE 4905 Directed Study

1-12 sh (may be repeated indefinitely for credit)

OCE 5905 Directed Study

1-12 sh (may be repeated indefinitely for credit)

OCE 6905 Directed Study

1-12 sh (may be repeated indefinitely for credit)