

# OCEANOGRAPHY (OCEA&)

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## **Introduction to Oceanography**

OCEA& 101

5 Credits/Units

3 hours of lecture / 4 hours of lab

An introduction to physical oceanography and its influence on global patterns. Topics will integrate the study of physical, chemical, geologic, atmospheric and biologic systems. Human-ocean interactions will be explored. Specific areas of study include ocean geologic structure and seawater composition, global circulation and ocean currents and their connection with atmospheric motions, hurricanes, waves, tides, tsunamis, the importance of oceans to understanding climate change, coastal processes, pollution impacts, El Nino/La Nina, and the influence of the physical environment on life. [GE, NS, NS-LAB, SE]