Plate tectonics and the geological structure of ocean basins; physical and chemical properties of seawater; Earth’s energy budget; large-scale circulation of the atmosphere and ocean; marine sediment properties and transport; Earth history recorded in marine sediments; the carbon cycle in the atmosphere and sea; and the ecology of pelagic and benthic systems. Learn more at classes.oregonstate.edu.

This course is part of the Oregon State University Baccalaureate Core (Perspectives-Physical Science). It is a prerequisite for other upper division oceanography and marine science courses, including OC 340 offered in Summer Session 4.

**LECTURE:** Tuesdays & Thursdays 9am-11:50am; 1pm-1:50pm  
**LAB:** Tuesdays & Thursdays 2-3:50 pm  

**Instructor:** Allen Milligan

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