

MARN 2101: Oceanography

The ocean is a complex environment made up of many subsystems all of which interact with the atmosphere and the biosphere. This course will introduce students to each of those systems and how all work together to drive ocean currents, weather patterns and life cycles on earth. Topics include physics and chemistry of seawater, plate tectonics, major ocean basins and features, major ocean circulation patterns and currents, characteristics of deep and shallow water waves and the tides along with interactions of atmosphere with the oceans.

Credits: 3

Class Hours: 3

Prerequisites:

MATH 1001

CHEM 1001

Math 1001 & CHEM 1001

Department: Marine Science