

**GEOL 180 – Introduction to Oceanography**  
**Course code: 5583**  
**Wintersession 2010**  
**January 4-January 20, 2010**

This course will offer an introduction to the fascinating and complex subject of oceanography. We will discuss physical, chemical, geological and some biological aspects of the oceans. We will learn about the structure and motion of the atmosphere and how it influences ocean circulation. In addition, we will discuss waves, tides, coasts and estuaries. An important focus of this course is the role the oceans play in our climate and how learning about the oceans helps us understand past, present and possibly future climate processes and evolution.

This will be an online only course. We will be covering ten chapters. Each student is expected to read each chapter, answer a series of online questions, participate in a class blog, and take two online exams. Grading will be based on the online questions (50%), mid-term (20%), final exam (20%) and contributions to the class blog (10%).

**Textbook:** *Oceanography* – CUNY, Hunter College, Garrison. T., 2007, Thomson. ISBN 0495462683 This custom textbook will be available in the Hunter College Book Store.

**Instructor:** Dr. Randye Rutberg, [randye.rutberg@hunter.cuny.edu](mailto:randye.rutberg@hunter.cuny.edu)

A more complete course syllabus will be posted at [www.geography.hunter.cuny.edu](http://www.geography.hunter.cuny.edu) by mid-December.