

## **List of courses** (Last updated: December 2012)

### **Dalhousie University**

The following is a selection of courses offered by the *Department of Oceanography*, and a brief description of each. Please note, some of the courses are only offered in alternate years. Please consult the department or the [Academic Timetable](#) to see whether a course is being offered.

<a href="#">2000X/Y.06</a>	The Blue Planet
<a href="#">2001X.03/2002Y.03</a>	The Blue Planet
<a href="#">2800.03</a>	Climate Change
<a href="#">3001.03</a>	Introduction to Physical Oceanography
<a href="#">3002.03</a>	Introduction to Chemical Oceanography
<a href="#">3003.03</a>	Introduction to Biological Oceanography
<a href="#">3004.03</a>	The Last Billion Years
<a href="#">3420.03</a>	Geochemistry of Aquatic Environments
<a href="#">4000.03</a>	Oceans and Global Change
<a href="#">4110.03/5110.03</a>	Geological Oceanography
<a href="#">4120.03/5120.03</a>	Physical Oceanography
<a href="#">4130.03/5130.03</a>	Chemical Oceanography
<a href="#">4140.03/5140.03</a>	Biological Oceanography
<a href="#">4160.03/5160.03</a>	Fisheries Oceanography
<a href="#">4200.06</a>	Honours Research Project
<a href="#">4210.03/5210.03</a>	Time Series Analysis in Oceanography and Meteorology
<a href="#">4220.03/5220.03</a>	Numerical Modelling of Atmospheres and Oceans
<a href="#">4221.03/5221.03</a>	Ocean Dynamics
<a href="#">4222.03/5222.03</a>	Estuary, Coast and Shelf Dynamics
<a href="#">4230.03/5230.03</a>	Biology of Phytoplankton
<a href="#">4250.03/5250.03</a>	Acoustical Oceanography
<a href="#">4290.03/5290.03</a>	Advanced Chemical Oceanography
<a href="#">4311.03/5311.03</a>	Fluid Dynamics 1
<a href="#">4330.03/5330.03</a>	Benthic Ecology
<a href="#">4331.03/5331.03</a>	History of Marine Sciences
<a href="#">4335.03/5335.03</a>	Environmental Impacts in Marine Ecosystems
<a href="#">4370.03/5370.03</a>	Deep Sea Biology
<a href="#">4380.03/5380.04</a>	Marine Modelling
<a href="#">4411.03/5411.03</a>	Atmospheric Dynamics I
<a href="#">4412.03/5412.03</a>	Atmospheric Dynamics II
<a href="#">4470.03/5470.03</a>	Introduction to Seismic Imaging
<a href="#">4480.03/5480.03</a>	Advanced Seismic Imaging
<a href="#">4500.03/5500.03</a>	Atmospheric Physics I
<a href="#">4510.03/5510.03</a>	Atmospheric Physics II
<a href="#">4520.03/5520.03</a>	Introduction to Atmospheric Science
<a href="#">4541.03/5541.03</a>	Synoptic Meteorology I (with lab)
<a href="#">4550.03/5550.03</a>	Synoptic Meteorology II (with lab)
<a href="#">4595.03/5595.03</a>	Atmospheric Chemistry
<a href="#">5223.03</a>	Ocean Waves
<a href="#">5240.03</a>	Special Topics in Oceanography
<a href="#">5240.03 01</a>	Special Topics in Oceanography: Marine Particles
<a href="#">5240.03 02</a>	Special Topics in Oceanography: Paleo-oceanography / Paleo-climatology
<a href="#">5240.03 03</a>	Special Topics in Oceanography: Fluid Mechanics
<a href="#">5240.03 04</a>	Special Topics in Oceanography: Time Series
<a href="#">5240.03 05</a>	Special Topics in Oceanography: MATLAB for Oceanography
<a href="#">5240.03 06</a>	Special Topics in Oceanography: Acoustical Oceanography
<a href="#">5240.03 07</a>	Special Topics in Oceanography: Data Assimilation
<a href="#">5285.03</a>	Marine Geochemical Processes
<a href="#">5292.03</a>	Chemical Methods in Oceanography
<a href="#">5293.03</a>	Advanced Marine Particles
<a href="#">5570.03</a>	Light Scattering, Radiative Transfer, and Remote Sensing
<a href="#">5575.03</a>	Topics in Atmospheric Radiation

<a href="#">5580.03</a>	Cloud Physics
<a href="#">5680.03</a>	Ecosystem Modeling of Marine and Freshwater Environments
<a href="#">6500.03</a>	Graduate Seminar in Tectonics
<a href="#">9000.00</a>	MSc Thesis
<a href="#">9530.00</a>	PhD Thesis
<a href="#">9999</a>	Registration Course - Fee Calculator
<a href="#">MARA 5003.03</a>	Marine Science and Technology

A detailed description of the courses can be found at  
<http://oceanography.dal.ca/classes/index.html>