

OCEANOGRAPHY MINOR

<http://ceps.unh.edu/earth-sciences/oceanography-minor>

Description

The minor in oceanography is available to all students in the University interested in obtaining a broad background in oceanography. The minor consists of a minimum of five courses with grades of C (2.00) or better and no pass/fail courses. No more than 8 major requirement credits may be used. All courses in the program are selected in consultation with the oceanography minor adviser, Dr. Jamie Pringle, (603) 862-5000, jpringle@unh.edu. Students must complete an Intent to Minor form no later than their junior year. Forms can be picked up in the Earth Sciences departmental office, 214 James Hall.

Requirements

Required Courses

ESCI 501	Introduction to Oceanography	4
Select two of the following:		6-8
ESCI 750	Biological Oceanography	
ESCI 752	Chemical Oceanography	
ESCI 758	Introductory Physical Oceanography	
ESCI 759	Geological Oceanography	
Select two of the following: ¹		6-8
MEFB 401	Marine Estuarine and Freshwater Biology: Freshmen Seminar	
MEFB 403	Investigative Marine Biology Laboratory	
MEFB 503	Introduction to Marine Biology	
MEFB 530	Evolution and Marine Diversity	
MEFB 535	Marine Mammal Biology	
MEFB 625	Introduction to Marine Botany	
MEFB 674	Ecology and Marine Environment	
MEFB 702	Sustainable Marine Fisheries	
MEFB 722	Marine Phycology	
MEFB 725	Marine Ecology	
MEFB 754	Anatomy and Function of Marine Vertebrates	
CEE 722	Introduction to Marine Pollution and Control	
CEE 757	Coastal Engineering and Processes	
ESCI 502	Beaches and Coasts	
ESCI 514	Introduction to Climate	
ESCI 701	Quantitative Methods in Earth Sciences	
ESCI 747	Aqueous Geochemistry	
ESCI 754	Sedimentology	
ESCI 756	Geotectonics	
ESCI 765	Paleoclimatology	
ESCI/OE 771	Geodesy and Positioning for Ocean Mapping	
OE 610	Ocean Instrumentation Lab	
OE 759	Estuarine and Coastal Modeling	
OE 690	Introduction to Ocean Engineering	
OE 710	Ocean Measurements Lab	
OE 753	Ocean Hydrodynamics	

OE 754	Ocean Waves and Tides
OE 757	Coastal Engineering and Processes
EREC #711	Marine Resource Economics
TECH 797	Undergraduate Ocean Research Project
ZOOL 610	Principles of Aquaculture
ZOOL 628	Marine Invertebrate Evolution and Ecology
ZOOL 710	Ichthyology
ZOOL 721	Aquatic Invasive Species
ZOOL 772	Fisheries Biology
ZOOL 773	Physiology of Fish
ZOOL/ESCI 750	Biological Oceanography

Total Credits 16-20

¹ Or a suitable substitute approved by the minor advisor (at least one of these courses should be in the biological sciences).