

OCEANOGRAPHY MINOR

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

Description

The minor in oceanography is available to students interested in obtaining a broad background in oceanography. All courses in the program are selected in consultation with the oceanography minor advisor, [Dr. Jamie Pringle \(jpringle@unh.edu\)](mailto:jpringle@unh.edu), (603) 862-5000. 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

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.

Code	Title	Credits
Required Courses		
ESCI 501	Introduction to Oceanography	4
Select two of the following:		6-8
ESCI 752	Chemical Oceanography	
ESCI 758	Introductory Physical Oceanography	
ESCI 759	Geological Oceanography	
MEFB 755	Biological 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 508	Marine Ecosystem Research and Management	
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 #725	Marine Ecology	
MEFB 754	Anatomy and Function of Marine Vertebrates	
CEE #722	Introduction to Marine Pollution and Control	
ESCI 502	Beaches and Coasts	
ESCI 514	Introduction to Climate	
ESCI 701	Quantitative Methods in Earth Sciences	
ESCI 720	Ocean Measurements Lab	
ESCI 747	Aqueous Geochemistry	
ESCI 754	Sedimentology	
ESCI 756	Geotectonics	
ESCI 765	Paleoclimatology	
ESCI/OE 771	Positioning for Ocean Mapping	
OE 490	Introduction to Ocean Engineering	
OE 610	Ocean Instrumentation Lab	
OE 753	Ocean Hydrodynamics	
OE 754	Ocean Waves and Tides	
OE 757	Coastal Engineering and Processes	
TECH 797	Undergraduate Ocean Research Project	
ZOOL 610	Principles of Aquaculture	
ZOOL 710	Sharks and Bony Fishes	
MEFB 772	Fisheries Biology: Conservation and Management	
MEFB 628	Marine Invertebrate Evolution and Ecology	
MEFB 773	Physiology of Fishes	

Total Credits

at
least
18

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