

# OCEAN ENGINEERING MINOR

<https://ceps.unh.edu/ocean-engineering/program/minor/ocean-engineering>

## Description

The ocean engineering minor allows undergraduate engineering students to acquire a nucleus of knowledge about engineering pertaining to the ocean and the coastal zone.

Students wishing to take the ocean engineering minor should indicate their interest to the ocean engineering minor advisor, [Tom Lippmann](mailto:t.lippmann@unh.edu) ([t.lippmann@unh.edu](mailto:t.lippmann@unh.edu)).

## Requirements

Academic policies related to Minors.

Credit toward the minor will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the minor.

- Courses taken on a pass/fail basis may not be used for a minor.
- No more than 8 credits used to satisfy major requirements may be used for the minor.
- No more than 2 courses or 8 credits may be from transfer coursework. Any transferred coursework must be approved by the minor coordinator.

For additional details on how to declare a minor, please visit <https://www.unh.edu/registrar/academic-records/majors-minors>.

Code	Title	Credits
<b>Required Course</b>		
OE 490	Introduction to Ocean Engineering	4
<b>Electives</b>		
Select four courses from the following:		
ESCI 501	Introduction to Oceanography	4
ESCI 720	Ocean Measurements Lab	4
ESCI 752	Chemical Oceanography	3
ESCI 758	Introductory Physical Oceanography	3
ESCI 759	Geological Oceanography	4
OE 717	Marine Robotics and Applications	3
OE 753	Ocean Hydrodynamics	3
OE 754	Ocean Waves and Tides	4
OE 757	Coastal Engineering and Processes	3
OE 758	Design of Ocean Structures	3
OE 765	Underwater Acoustics	3
OE 770	Geodesy for Ocean Mapping	3
OE 771	Positioning for Ocean Mapping	4
OE 795	Special Topics	2-4
CEE 722	Introduction to Marine Pollution and Control	4
TECH 797	Undergraduate Ocean Research Project	2

Students typically take ESCI 501 Introduction to Oceanography, TECH 797 Undergraduate Ocean Research Project, and OE 490 Introduction to Ocean Engineering plus two additional engineering courses from the above list to complete the minor.