

OCEAN ENGINEERING: OCEAN MAPPING (M.S.)

<https://marine.unh.edu/oe>

Description

Ocean Mapping Option

This option is offered in conjunction with the Joint Hydrographic Center/Center for Coastal and Ocean Mapping. Students follow a more structured path through this program, which incorporates all aspects of hydrography as required by the International Hydrographic Organization (IHO).

Requirements

Code	Title	Credits
Core Courses		
OE 990 & OE 991	Ocean Seminars I and Ocean Seminars II	2
OE 810	Ocean Measurements Laboratory	4
OE 865	Underwater Acoustics	3
OE 871	Geodesy and Positioning for Ocean Mapping	4
OE 874	Integrated Seabed Mapping Systems	4
OE 875	Fundamentals of Ocean Mapping II	4
OE 972	Hydrographic Field Course	4
Select at least 3 additional credits from the following electives:		3-4
OE 854	Ocean Waves and Tides	
OE 857	Coastal Engineering and Processes	
OE 864	Spectral Analysis of Geophysical Time Series Data	
OE 895	Special Topics	
ESCI 858	Introduction to Physical Oceanography	
ESCI 896	Topics	
Complete a master's thesis for 6 credits		
OE 899	Master's Thesis	6
Total Credits		34-35

Students may fulfill the Category A (professional) International Federation of Surveyors/International Hydrographic Organization/International Cartographic Association (FIG/IHO) Standards of Competence for Hydrographic Surveyors by completing, in addition to the core courses, some additional specialized requirements. For more information, please visit the Center for Coastal and Ocean Mapping website. (<https://ccom.unh.edu>)