

OCEAN MAPPING (GRADUATE CERTIFICATE)

<http://ccom.unh.edu/graduate-certificate>

Description

The program goal is to provide advanced graduate training to working professionals in the area of ocean mapping. These professionals will come from a variety of backgrounds ranging from Earth science, geology, and biology to engineering. The graduate certificate in ocean mapping is awarded for completion of the core courses and associated practicum. The graduate certificate program fulfills the Category A International Federation of Surveyors/International Hydrographic Organization/International Cartographic Association (FIG/IHO/ICA) Standards of Competence for Hydrographic Surveyors.

For more information, please visit the ocean mapping website (<http://ccom.unh.edu/graduatecertificate>) or email info@ccom.unh.edu at the Center of Coastal and Ocean Mapping Joint Hydrographic Center.

Applying

Please visit the Graduate School website (<http://www.gradschool.unh.edu/php/posd.php?major=MW73>) for detailed instructions about applying to the certificate program.

Requirements

Required Courses

ESCI/OE 871	Geodesy and Positioning for Ocean Mapping	4
ESCI 872	Applied Tools for Ocean Mapping	2
MATH 831	Mathematics for Geodesy	3
ESCI/OE 874	Fundamentals of Ocean Mapping I	4
ESCI/OE 875	Fundamentals of Ocean Mapping II	4
ESCI/OE 972	Hydrographic Field Course	4
OE 677	Seamanship and Marine Weather for Ocean Engineers and Scientists (for the optional Remote Sensing specialty)	P/ F
ESCI 896	Topics ¹	3
Total Credits		24

¹ Coastal Remote Sensing (3 cr) for the optional Remote Sensing specialty