

# OCEAN MAPPING (GRADUATE CERTIFICATE)

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

## 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](#) or contact the Center for Coastal and Ocean Mapping/Joint Hydrographic Center at [info@ccom.unh.edu](mailto:info@ccom.unh.edu).

## Applying

Please visit the [Graduate School website](#) for instructions about applying to the certificate program.

## Requirements

### Certificate Requirements

Code	Title	Credits
ESCI/OE 871	Geodesy and Positioning for Ocean Mapping	4
ESCI 872	Applied Tools for Ocean Mapping	2
MATH 896	Topics in Mathematics and Statistics	3
ESCI/OE 874	Integrated Seabed Mapping Systems	4
ESCI/OE 875	Advanced Topics in Ocean Mapping	4
ESCI 972	Hydrographic Field Course	4
OE 677	Seamanship and Marine Weather for Ocean Engineers and Scientists	
ESCI 896	Topics (for the optional Remote Sensing specialty)	3
<b>Total Credits</b>		<b>24</b>