OCEAN ENGINEERING (M.S.)

http://ccom.unh.edu/ms-ocean-engineering

Description

Programs in Ocean Engineering are by definition interdisciplinary and require students to interact with the ocean science community as well as the traditional engineering disciplines. In this context, students are exposed to the broad-based issues of working engineering problems in the ocean environment. They are trained to develop responsible solutions to problems that will lead to sustainable activity and life in the ocean.

Requirements

M.S. Degree Requirements

Core Courses
OE 990 & OE 991 Ocean Seminars I and Ocean Seminars II 2

Select one of the following: 3-4

ESCI 858 Introduction to Physical Oceanography
ESCI 859 Geological Oceanography
ESCI 850 Biological Oceanography
ESCI 852 Chemical Oceanography

Select three of the following core courses: 11-12
OE 810 Ocean Measurements Laboratory
OE 854 Ocean Waves and Tides
OE 857 Coastal Engineering and Processes
OE 865 Underwater Acoustics
OE 871 Geodesy and Positioning for Ocean Mapping
OE 874 Integrated Seabed Mapping Systems
OE 875 Fundamentals of Ocean Mapping II

Select a minimum of 12 credits of additional course work 12

Complete a master’s thesis for 6 credits
OE 899 Master’s Thesis 6

Total Credits 34-36