Marine Science (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (https://apps.orip.ncsu.edu/pgas/).

The Department of Marine, Earth and Atmospheric Sciences offers a minor in Marine Science to majors in any field except marine science or natural resources with a concentration in marine and coastal resources. The minor provides a means of recognition for students who desire a deeper understanding of the world’s ocean.

Requirements for Admission and Completion of the Minor

- Students must have completed MEA 200 Introduction to Oceanography with a letter grade of C or better and have a GPA of 2.5 or above to be admitted into the minor.
- For completion, students must complete MEA 200 Introduction to Oceanography, MEA 210 Oceanography Lab and MEA 250 Introduction to Coastal Environments and at least 9 additional credit hours from the list of minor elective courses. All course work must be letter-graded and completed with a C or better.

Admissions

Students must have completed MEA 200 Introduction to Oceanography with a letter grade of C or better and have a GPA of 2.5 or above to be admitted into the minor. Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student’s academic record, and in most cases no longer requires departmental review. Go to Add a Minor (https://studentservices.ncsu.edu/your-degree/coda-home/add-a-minor/) to apply.

Contact Person

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Room 4136 Jordan Hall
919.515.7839
cjthomas@ncsu.edu

SIS Code: 17MRM

Plan Requirements

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<td>MEA 250</td>
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<tr>
<td>MEA 220</td>
<td>Marine Biology</td>
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Elective Courses

Select 9 credits from the following:

- MEA 251 Introduction to Coastal Environments Laboratory

- MEA 252 Biology of Marine Mammals
  (Semester @ CMAST course)

- MEA 323 Geochemistry of Natural Waters

- MEA 350 Marine Conservation Biology
  (Semester @ CMAST course)

- MEA 411 Marine Sediment Transport

- MEA 449 Principles of Biological Oceanography

- MEA 454 Marine Physical-Biological Interactions

- MEA 459 Field Investigation of Coastal Processes

- MEA 460 Principles of Physical Oceanography

- MEA 462 Observational Methods and Data Analysis in Marine Physics

- MEA 463 Fluid Physics

- MEA 464 Ocean Circulation Systems

- MEA 467 Marine Meteorology

- MEA 468 Aquatic Microbiology

- MEA 469 Ecology of coastal Resources

- MEA 470 Introduction to Geophysics

- MEA 471 Exploration and Engineering Geophysics

- MEA 473 Principles of Chemical Oceanography

- MEA 476 Worldwide River and Delta Systems: Their Evolution and Human Impacts

- MEA 493 Special Topics in MEAS 1
Enrollment in special topics courses should be approved by the minor coordinator in advance to ensure they are appropriate and relevant to the minor.