

# Marine and Environmental Sciences

Website (<http://www.northeastern.edu/mes/>)

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The PhD program in marine and environmental sciences is designed to train high-caliber and independent scientists whose research addresses fundamental and applied ecological and evolutionary questions at local, regional, national, and global scales.

This training will include both general and specialized coursework in ecology and evolution, geoscience, sustainability, and marine sciences, with curricular programs providing specialized options tailored to each student's research interests. Students benefit from top-notch research facilities at the Marine Science Center in Nahant and on the main campus in Boston. Graduates of the program are prepared for careers in academia, government agencies, and the private sector.

The Master of Science in Marine Biology, also known as the Three Seas Program, gives students an opportunity to learn in three world-renowned research facilities in New England, the Caribbean, and the Pacific Northwest. In addition to rigorous coursework, the program offers the opportunity for students to formulate research questions, design and conduct critical experiments, and interpret and present results. The 15-month program culminates with an internship in the field and independent research project.

The Master of Science in Environmental Science and Policy is a joint program between the College of Science and the College of Social Sciences and Humanities. The interdisciplinary program aims to prepare the next generation of environmental professionals for dynamic opportunities focused on the science and policy of sustainability and resilience.

## Programs

### Doctor of Philosophy (PhD)

- Human Behavior and Sustainability Sciences (<https://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/human-behavior-sustainability-sciences-phd/>)
- Marine and Environmental Sciences (<https://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/marine-environmental-sciences-phd/>)

### Master of Science (MS)

- Climate Science and Engineering (<https://catalog.northeastern.edu/graduate/engineering/civil-environmental/climate-science-engineering-ms/>)
- Environmental Science and Policy (<https://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/environmental-science-policy-ms/>)
- Marine Biology (<https://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/marine-biology-three-seas-ms/>)

### Graduate Certificate

- Sustainability Sciences (<https://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/sustainability-sciences-graduate-certificate/>)