



University of
New Hampshire

School of Marine Science
and Ocean Engineering

The future of marine science & engineering is here.

We can prepare you to be a leader in the dynamic fields of oceanography, marine biology, an ocean engineering and mapping—on local coasts and global oceans.

Our advanced degree programs focus on urgent questions that cannot be addressed by working in one discipline or country. You will have the opportunity to work with scientists from 14 diverse fields of inquiry and their colleagues around the world as they map the ocean floor, design ocean strong structures, test renewable technologies, advance coastal and marine ecology,

enhance community resilience, and **explore** the changing relationship between the Earth's atmosphere, oceans, coasts, and people.

As a UNH graduate student, you will have access to a state-of-the-art campus, coastal and offshore laboratories; world class research vessels;

and interdisciplinary centers that facilitate transdisciplinary **science** in settings that extend from the inland estuarine waters of Great Bay, through the Gulf of Maine, into the Arctic, and across all of the ocean basins on Earth.

With an advanced degree from UNH, you will join a group of alumni dedicated to making life on our planet more sustainable. Our graduates become leaders who influence international ocean policy, scientists who measure a changing climate, educators who train our workforce, and innovators who build tomorrow's observational instruments and **solutions**.

Dive in marine.unh.edu

DEGREE PROGRAMS

Marine Biology: M.S., Ph.D.

Ocean Engineering: M.S., Ph.D.

Ocean Mapping: M.S., Graduate Certificate

Oceanography: M.S., Ph.D.

RESEARCH DIRECTIONS

Arctic Studies

Coastal & Estuarine Resiliency

Coastal & Ocean Mapping

Marine Environmental Sensing

Marine Policy & Engaged Scholarship

Ocean Renewable Energy

Sustainable Seafood

FACILITIES

Jere Chase Ocean Engineering Laboratory

Judd Gregg Marine Research Complex

Jackson Estuarine Laboratory

Shoals Marine Laboratory

Open Ocean Test Site

I discovered the ocean's wonders—from South China and the Caribbean to the Gulf of Maine—through UNH mentoring and research leadership.

— **Melissa Meléndez**
Ph.D., '20





Marine School

Marine Biology

Explore ecosystems that extend from the Great Bay Estuary to around the world. Collaborate with faculty with expertise ranging from molecular biology to marine ecology and fisheries. Become a certified research diver, work in high tech research facilities and instrumentation centers. Prepare yourself for a career in aquaculture, environmental protection, resource management, fisheries, habitat restoration, and more.

Ocean Engineering & Mapping

Study alongside faculty and students from across the spectrum of marine science and ocean engineering. Conduct fundamental and applied research to help deepen our understanding of the ocean environment, develop new observational platforms, advance the sustainable use of ocean resources, and find solutions to adapt to a changing ocean. Gain the experience needed for a career spanning the complex fields of ocean technology and marine science.

Oceanography

Follow your interests within a broad, exciting field that spans coastal and estuarine processes, sedimentation and transport, ocean modeling and mapping, ocean acidification, paleoceanography and climatology, and microbial ecology. Build your field and laboratory skills and graduate with the experience that universities, consulting firms, and government research and regulatory agencies look for.

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Join fellow students and faculty who share your passion for meaningful research in a community that fosters peer-to-peer learning, belonging, and trust.

RESOURCES FOR SUCCESS

- Dissertation year fellowships
- Summer teaching assistant fellowships
- Graduate research conference & symposium
- Funding for travel and research
- Programs to prepare future faculty & professionals
- Professional development workshops
- Active graduate student senate
- Three-minute Thesis Competition™
- Graduate research communication programs
- Student-run socials, hikes, seminars, & networking events