



BIGELOW LABORATORY FOR OCEAN SCIENCES

# Sea Change Semester

**EXPERIENCE LIFE AT THE CUTTING-EDGE OF OCEAN SCIENCE**

**O**cean science is in the middle of an incredible revolution. Climate change is rapidly reshaping life in the oceans, and new tools are being developed each day to reveal what it means for our planet.

Bigelow Laboratory offers a transformative, 14-week experience that puts these cutting-edge tools in your hands and empowers you to answer critical questions about the future of the ocean.

## EXPERIENCE REAL RESEARCH

- Lead an independent investigation into questions that you want to answer
- Enjoy exclusive access to a state-of-the-art laboratory
- Conduct research cruises in the Gulf of Maine
- Gain hands-on experience with the latest scientific tools

## JOIN OUR COMMUNITY

- Benefit from a personalized education program limited to 12 students each year to ensure optimal experience
- Be mentored by accessible scientific leaders that provide unique opportunities to learn and build relationships
- Live on the stunning Maine coast in a new, award-winning residence on the research campus

**ROLLING ADMISSION FOR FALL SEMESTER  
CAPPED AT 12 STUDENTS – APPLY TODAY!**

[bigelow.org/seachange](http://bigelow.org/seachange) | [seachange@bigelow.org](mailto:seachange@bigelow.org)

**Bigelow** | Laboratory for  
Ocean Sciences

East Boothbay, Maine



## OUR STUDENTS WANT TO TALK TO YOU!

Email us today – we're excited to answer your questions and connect you with graduates who want to share their experience.

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## CHART A NEW COURSE

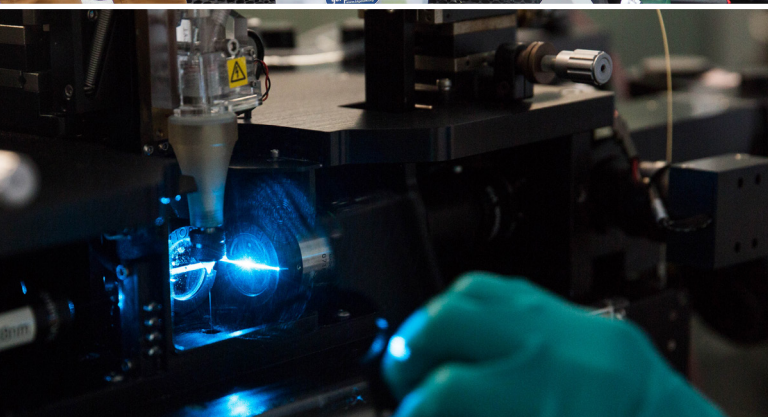
Individualized research with cutting-edge tools is the core of the Sea Change experience. Work one-on-one with leading scientists to use the latest molecular, machine learning, and synthetic biology tools to answer questions about:

- Climate change
- Microbial oceanography
- Marine biogeochemistry
- Marine biotechnology
- Molecular biological oceanography
- Pelagic and benthic ecology

## EXPLORE COASTAL MAINE

Whether it's during the program or during the weekend, there are countless opportunities to enjoy all Maine has to offer throughout the fall.

- Course includes six daylong research cruises down the Damariscotta River and into the Gulf of Maine
- New, award-winning residence hall provides a beautiful place to live along the Damariscotta River estuary
- Maine's rugged coastline, rocky mountains, and charming towns offer an idyllic weekend playground



## BEGIN YOUR JOURNEY

We welcome college juniors from all science disciplines with an interest in the ocean to apply. Applicants should have a 3.0+ GPA, completed three lab science courses, and have completed a semester each of chemistry, biology, and precalculus/calculus.

Students earn 16 credits for the program, which can be transferred from Colby College. We work to ensure that the semester does not cost more than the equivalent classes at your home college.

**Learn more at [bigelow.org/seachange](http://bigelow.org/seachange), and contact us at [seachange@bigelow.org](mailto:seachange@bigelow.org). We can't wait to hear from you!**



**Bigelow Laboratory for Ocean Sciences** is an independent, nonprofit research institute that studies the unfathomable opportunity of the ocean. Every drop teems with microscopic life that sustains our planet and offers potential solutions to many global challenges. Learn more at [bigelow.org](http://bigelow.org).

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