



## Boothbay, Maine Microbes in Ocean and Human Health

BISC 380 or ENVS 399

**Credit Hours:** 3 or 4

**Instructors:** Dr. Erik Hom, Assistant Professor of  
Biology

**Dates:** May 14 - 25, 2018

**Course Fee:** \$975 plus tuition

**Application**

**deadline:** April 5, 2018

**To Register:** Go to [outreach.olemiss.edu/study\\_usa/  
how\\_to\\_apply.html](http://outreach.olemiss.edu/study_usa/how_to_apply.html)

### Students will:

- Travel to Boothbay, Maine and begin their 11-day course at the Bigelow Laboratory of Ocean Sciences.
- Learn about marine phytoplankton and marine microbial aquaculture.
- Learn and practice basic skills and techniques for isolating, culturing/growing, and maintaining marine microbial cultures.
- Work with and learn about the world-renowned microbial culture collection housed in the National Center for Marine Algae and Microbiota.
- Sample and isolate environmental microbes on a boat from the Bay of Maine.
- Visit other research labs, including the Mount Desert Island Lab, The Jackson Lab, and the Gulf of Maine Research Institute.
- Visit beautiful Acadia National Park and Bar Harbor, ME.

### Location:

Students will travel to Boothbay, Maine and the course will be based out of the Bigelow Laboratory of Ocean Sciences.

### Who should go?

This course is open to all majors. Students seeking Biology credit should have completed BISC 160, 161, 162, and 163 before May Intersession and should register for BISC 380. There are no pre-requisites for non-biology majors, who should sign up for ENVS 399 if interested. Majors who may be particularly interested include Environmental Science, Biology, Premedical, Pharmacy, Chemistry, Biochemistry, Geoscience, and Ocean Sciences students.

### Dates:

The dates are May 14-25, 2018. Students will need to be in Boothbay, ME by the afternoon of May 14th, and the class will conclude in the morning of May 25th.

### Travel:

Students will make their own arrangements to and from Boothbay, ME. The University will provide group ground transportation from Boothbay and the Bigelow Laboratory to various sites as required for the course. Students may want to fly into Portland, ME (PWM), Boston, MA (BOS), or Manchester, NH (MHT).

### Costs:

The course fee is \$975 plus tuition. Included in the course fee are accommodations, most breakfasts and lunches, group ground transportation, and site admission fees. Excluded from the course fee are the Study USA application fee, tuition, other meals not noted above, airport transportation, airfare, and personal spending money.

*Itinerary subject to change. Please verify specific dates with instructor and confirm that the course has adequate enrollment to make before making travel arrangements.*