



# MARINE SCIENCE FELLOWSHIP PROGRAM FOR HIGH SCHOOL STUDENTS

**Semester I: September 7, 2019–January 11, 2020**

**Saturdays, 10am-1pm *plus additional, flexible hours required\****

**(make-up sessions available on Wednesdays, 3-5:30pm)**

This is a semester-long course to give high school sophomores, juniors, or seniors an opportunity to have a hands-on experience learning about the field of marine science. Students will learn first-hand about various topics that encompass marine science. They will be able to discuss career paths that marine science has to offer as well as to meet different scientists within the field. They will also have the opportunity to create their own research project during the semester. Students can be involved for one semester or two. The second semester will allow students to engage in greater depth into marine science topics and to continue their research project and present their research to others.

Students may also have an opportunity to earn credit through their school. To learn more visit [www.seacoastsciencecenter.org/programs/grade-k-12/marine-science-fellowship](http://www.seacoastsciencecenter.org/programs/grade-k-12/marine-science-fellowship).

## Course Objectives

- To give students a greater understanding of the field of Marine Biology through inquiry, investigation, and hands-on experiences at Seacoast Science Center, and by fostering individuals' special interests
- To expose students to a range of careers in marine biology and provide opportunities for them to engage with visiting professionals
- To engage the students in research and presentation skills and techniques they will be able to use later
- To educate students about the impact they have on the ocean, the challenges facing our climate, and how they can contribute to a sustainable and healthy ocean

## \*Time Commitment

This is a 10-week course with an expected time commitment of 3-4 hours per week, with an option for additional hours. The course schedule includes Saturday mornings from 10am to 1pm, plus additional study, project, and/or volunteer time to be conducted on the student's own time, as arranged with the program leader. If a student is unable to make a Saturday session, they can attend the following Wednesday afternoon, from 3:30-6pm. This program allows for flexible scheduling.

**Limited to 10 students.**

**See over...**



**SEACOAST  
SCIENCE CENTER**



Located in Odiorne Point State Park.

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## Semester I Course Outline

**Week 1:** September 7

Introduction and Habitats: What lives at Seacoast Science Center?

**Week 2:** September 14

Tides and Tide Pools

September 21: BioBlitz, a daylong species scavenger hunt in Odiorne Point State Park. *This event is optional.*

**Week 3:** September 28

Invasive Species

**Week 4:** October 19

Habitats in Great Bay

**Week 5:** November 2

Marine Mammals

**Week 6:** November 9

Marine Mammal Rescue

**Week 7:** December 7

Environments, Climate Change, and Beyond

**Week 8:** December 14

Climate Change, continued

**Week 9:** January 4

Educational Programs: Teaching Others

**Week 10:** January 11

Wrap up and presentation of projects

### Notes:

- Wednesday evenings are optional or as needed
- Speakers and fields trips will be added throughout the program
- Course outline is subject to change.
- No class dates: 10/5/19, 10/12/19, 10/26/19, 11/16/19, 11/30/19, 12/21/19



570 Ocean Boulevard, Rye, NH 03870

Ph: 603-436-8043

## Cost

Members: \$300; Non-Members: \$350

## How to Apply

All interested students must submit an application and a letter of interest by August 15, 2019. Please visit [www.seacoastsciencecenter.org/programs/grade-k-12/marine-science-fellowship](http://www.seacoastsciencecenter.org/programs/grade-k-12/marine-science-fellowship) to learn more.

## Membership

You must have a Family Membership valid through the program to take advantage of the member rate. Become a member when you register and take advantage of program discounts and other great benefits.

## Questions?

Please contact Sean McKenna at [s.mckenna@sscnh.org](mailto:s.mckenna@sscnh.org) or 603-436-8043, ext. 31.

## Application and Registration Confirmation

You will receive an email confirmation regarding your application submission. Once your application has been accepted, you will receive instructions on how to register and pay for the program.

**Please be advised that space is limited to 10 students.**

## Cancellation Policy

Cancellations made prior to two weeks before the program begins receive a 50% refund. No refunds will be given after

Located in Odiorne Point State Park.



Fax: 603-433-2235

[www.seacoastsciencecenter.org](http://www.seacoastsciencecenter.org)