



# SEA EDUCATION ASSOCIATION

Environmental Studies at Woods Hole and at Sea

**Sea Education Association (SEA) is a leading non-profit, independent educational institution focused on environmental studies and the world's oceans.**

- SEA was founded in 1971, and is currently celebrating its 50th anniversary.
- SEA is dedicated to educating the next generation of ocean scholars, stewards, and leaders.
- SEA owns and operates two state-of-the-art tall ship ocean research vessels, the SSV *Corwith Cramer* and the SSV *Robert C. Seamans*. (SSV stands for Sailing School Vessel.)
- SEA is one of six scientific and oceanographic research institutions in the community of Woods Hole, Massachusetts, on Cape Cod.
- SEA faculty represent the disciplines of oceanography, history, anthropology, public policy, & nautical science.
- In 2016, SEA was honored with the **National Science Board's Public Service Award** for promoting public awareness of science & engineering. In 2018, the National Maritime Historical Society presented SEA with the **Walter Cronkite Award for Excellence in Maritime Education**.
- SEA brigantines operate in both the Atlantic & Pacific Oceans.



## UNDERGRADUATE PROGRAMS

- SEA's undergraduate programs carry transferable course credit through Boston University, our longstanding school of record, and are open to U.S. and international undergraduates of all majors.
- SEA offers a variety of semester and summer programs, addressing a unique ocean-related themes.
- SEA offers partner programs with numerous institutions including Stanford, University of Chicago, MIT, Wharton, and Williams College/Mystic Seaport Museum.
- Students engage in every aspect of our research voyages including sailing as full, working members of the ship's crew and scientific team on board.
- More than 10,000 alumni, spanning many career fields, have completed SEA programs.



## HIGH SCHOOL & GAP YEAR PROGRAMS

- SEA faculty research interests include marine debris, coral reef ecology, biodiversity, climate dynamics, marine geology, maritime history and policy, and organizational leadership, to name just a few.
- Student-collected data from ocean voyages is used for student projects and contributed to well-known scientific databases.
- Institutional and faculty funding comes from the National Science Foundation (NSF), National Oceanic and Atmospheric Administration (NOAA), National Aeronautics and Space Administration (NASA), and others.



## RESEARCH

- SEA offers programs for gap-year and high school students. High school programs range from sea-based to shorebased in Woods Hole, as well as virtual online programs.
- SEA offers two summer programs for high school students: SEAScape, a shore-based program at the SEA campus in Woods Hole, and SEA Expedition, a voyage aboard the SSV *Corwith Cramer* with a focus on oceanographic research under sail.
- SEA Quest is a virtual online summer program for high school students.
- Atlantic Odyssey is an experiential learning program for gap year and winter-start students beginning on shore in Woods Hole and continuing at sea aboard the SSV *Corwith Cramer* as it sails from Woods Hole to the Caribbean.