

OCEANOGRAPHY

The School of Oceanography fosters continued advancement of the ocean sciences, solutions to problems of societal relevance, and public awareness of the marine environment. It is at the forefront of creating knowledge and understanding about the ocean through observation, theory, modeling and technological innovation. The School focuses on learning and discovery, equipping students with knowledge and insights, scholarly methods, scientific tools and communication skills.

CURRENT INITIATIVES

Technology and big data play an ever-increasing role in the lives of oceanographers. In response, the school created a new Ocean Technology program to give undergraduate students a truly hands-on experience that merges science, big data, and technology. The program combines an experiential teaching lab, a student-built underwater-cabled observatory located on campus, and analysis of "big data" including data that is live-streamed from our Regional Cabled Array, generated by our research groups, or collected via ship-board experiences. Students design, build and deploy underwater environmental sensors, all to answer student-generated questions about our oceans.

NOTABLE ACHIEVEMENTS AND RECOGNITION

Oceanography's outstanding faculty boasts numerous members of the National Academy of Sciences and Washington State Academy of Sciences, as well as fellowships in many organizations including the American Geophysical Union. The school is ranked No. 1 in the world on the Global Ranking of Academic Subjects list for 2018 and 2019.

VESSELS

Oceanography's research vessel fleet offers an unparalleled platform for applied learning in the field. The school's flagship research vessel, the 274 ft. R/V Thomas G. Thompson, is capable of sailing to nearly any of the planet's oceans. Smaller ships, including the R/V Rachel Carson, operate regionally. Aboard the UW's research vessels, undergraduate and graduate students work to unlock our ocean's mysteries first-hand.





RESEARCH

Disciplinary Research Groups

- Biological Oceanography
- Chemical Oceanography
- Marine Geology and Geophysics
- Physical Oceanography

Research Themes

- Coastal Oceanography
- Ocean Technology
- Polar Oceanography
- Role of Ocean in Climate

DEGREES OFFERED

PhD in Oceanography

PhD in Oceanography and Astrobiology

MS in Oceanography

BA and BS in Oceanography

Minor in Oceanography



BY THE NUMBERS

Faculty: **29**

Undergraduate students: **97**

Graduate students: **55**

SUPPORT

The School of Oceanography benefits greatly from the generosity of alumni and friends. Contributions from public and private foundations and nearly \$7 million in endowment funding supports students, faculty, and programs. To learn more about giving to the School, please contact the College of the Environment Advancement team: envadv@uw.edu, 206.221.9319.

CONTACT

For more information about the School of Oceanography, please visit ocean.washington.edu or call 206.543.5060.

For more information about the College of the Environment, please visit environment.uw.edu or contact: coenv@uw.edu, 206.685.5410.

We acknowledge that we are on the land of the Coast Salish peoples, land which touches the shared waters of all tribes and bands within the Suquamish, Tulalip and Muckleshoot nations.