AQUATIC AND FISHERY SCIENCES

The world’s fresh and saltwater environments teem with life, and their ability to thrive is the lifeblood of communities and economies dependent on those systems. The School of Aquatic and Fishery Sciences focuses on management of fisheries and aquaculture, as well as conservation of marine and freshwater ecosystems. Students at the school represent the next generation of highly-skilled freshwater and marine scientists.

CURRENT INITIATIVES

The Puget Sound and Pacific Northwest marine waters are particularly vulnerable to impacts of climate change and ocean acidification, due to location and other global, natural, and human-driven factors. At the School of Aquatic and Fishery Sciences, these issues have become increasingly important focus areas as their impacts pose risks to the sustainability of numerous marine species. The school has partnered with the shellfish industry and agency leaders to better understand the impacts of these changes.

RESEARCH

- Fisheries management and economics
- Aquatic resource conservation
- Marine and freshwater ecology
- Ecosystem and fishery modeling
- Aquaculture
- Genetics and genomics
- Climate change impacts on ecosystems

NOTABLE ACHIEVEMENTS AND RECOGNITION

Led by outstanding, award-winning faculty, Aquatic and Fishery Sciences was ranked the #1 fishery sciences program in the U.S. by the National Research Council. Strong partnerships with policy makers, government agencies and the seafood industry contribute to the success of the program. Faculty members hold various fellowships and memberships, such as in the Washington State Academy of Sciences.

DEGREES OFFERED

Bachelor of Science: Aquatic and Fishery Sciences
Master of Science: Aquatic and Fishery Sciences
Doctor of Philosophy: Aquatic and Fishery Sciences

BY THE NUMBERS

Faculty: 34
Undergraduate students: 76
Graduate students: 66
ALASKA SALMON PROGRAM
LINKS ECOLOGY, COMMUNITIES AND ECONOMIES

Aquatic and Fishery Sciences operates five remote field stations located in the watershed off Bristol Bay, Alaska. Launched in 1946, the Alaska Salmon Program provides students and faculty a unique and pristine environment to conduct research on ecology, biocomplexity, fisheries management and other studies relating to salmon and their environment. Research from the program helps ensure that salmon fisheries remain healthy and productive for both the ecosystems they support and the economies they are connected to.

SUPPORT

Aquatic and Fishery Sciences benefits greatly from generous alumni and friends. More than $20 million in endowment funding supports students, faculty and research 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 Aquatic and Fishery Sciences, please contact: safsdesk@u.washington.edu, 206-543-4270.

For more information about the College of the Environment, please contact: coenv@uw.edu, 206-685-5410.