WE ARE DEFINING TOMORROW, TODAY

Have you ever wondered who is seeking answers to some of the most pressing questions about our planet? At the University of Washington College of the Environment, we explore the environment from the Earth's core to the edges of the solar system, merging advanced technology and innovation to resolve some of the most pressing issues facing our planet and its inhabitants.

Scientists and students board research vessels to survey Pacific Ocean marine life. They trek into the Cascade Mountains to monitor volcanoes in the ancient Ring of Fire. They study Arctic marine mammals to better understand the past, present and future of these enigmatic creatures. They build computer models to forecast how the climate will change to inform decisions that impact lives, and they assess government policies, social behaviors, law and economics to create thriving, sustainable human societies.
RESEARCH

GAINING NEW INSIGHTS INTO THE EARTH, ITS PEOPLE AND ITS SYSTEMS

To truly tap into our problem-solving potential, it is imperative to understand the Earth in its totality and in each of its dimensions. It’s a big job. One the University of Washington College of the Environment is well equipped to handle.

From understanding the mechanisms that drive our changing climate and developing the science that underpins sustainable fisheries management, to creating the West Coast’s first earthquake early warning system, our researchers engage at every level to understand our planet and more effectively steward its resources.

Research spans seven continents and all five oceans

$148M of externally funded research in FY22

The UW is ranked No. 2 in the world among public universities (US News & World Report)

Atmospheric Sciences graduate student Carley Fredrickson works with NOAA researchers to understand the chemical composition and evolution of nighttime wildfire smoke and to gain experience in aircraft campaign operations.
EDUCATION

The College of the Environment serves the brightest minds in science and policy within the College and beyond. More than 1,700 undergraduate and 400 graduate students are working on degrees within the College, and 60% of undergraduate students at UW take at least one of our courses.

More than 230 faculty work in the College, ensuring our seven degree-granting units provide an unparalleled educational experience, teaching each student to think critically and realize their potential as an innovator. We ensure the next generation of environmental leaders is well-prepared to enter a wide range of environmental fields upon graduation.

**DEGREE GRANTING UNITS**

- Department of Atmospheric Sciences
- Department of Earth and Space Sciences
- Program on the Environment
- School of Aquatic and Fishery Sciences
- School of Environmental and Forest Sciences
- School of Marine and Environmental Affairs
- School of Oceanography

**GRADUATE DEGREES**

- Aquatic and Fishery Sciences
- Atmospheric Sciences
- Earth and Space Sciences
- Environmental and Forest Sciences
- Marine and Environmental Affairs
- Oceanography
- Quantitative Ecology and Resource Management

**UNDERGRADUATE DEGREES**

- Aquatic and Fishery Sciences
- Atmospheric Sciences
- Bioresource Science and Engineering
- Earth and Space Sciences
- Environmental Science and Terrestrial Resource Management
- Environmental Studies
- Marine Biology
- Oceanography

Students take part in the Alaska Salmon Program, the world's longest-running effort to monitor salmon and their ecosystems.
SCHOLARSHIPS, FELLOWSHIPS AND STUDENT SUPPORT

Our lecture halls, labs and classrooms provide world-class learning spaces, but there is no substitute for hands-on, real-world experience. Scholarships and fellowships ensure that every student at the College has the opportunity to participate in an immersive learning experience. Supporting the costs of field research, internships and excursions, these awards make a difference in a student’s life and the development of vitally important environmental science at the UW.

EDUCATION BY THE NUMBERS

- More than 450 course offerings annually
- College of the Environment’s citizen science programs, K-12 resources and public education programs serve communities and students from across the Pacific Northwest region

DEMOGRAPHICS

Female ......................... 42%
Male ............................. 58%
Asian ........................... 13%
Underrepresented Minorities 10%
International .................. 10%
IMPACT

The issues we face today demand a combination of discovery, leadership and an authentic connection with our communities. The College of the Environment works at this intersection, reaching across and connecting scientific disciplines, stakeholders and societies, policymakers and the public. By working directly with community leaders, we ensure decisions are informed by the most recent and comprehensive science.

In addition to world-class academic departments, the College also pushes the boundaries of innovation through long-term collaborations with communities led by EarthLab, Washington Sea Grant, Climate Impacts Group and more.

Aquatic and Fishery Sciences professor John Horne installs an echosounder on the Tonle Sap river in Cambodia.

“The innovative research and community-building at the College of the Environment have helped us better understand how human health and well-being rely on access to a healthy environment. Their science and partnership give us the big-picture view of the health benefits of nature.”

- Marc Berejka, President, REI Foundation

ADVISING LEADERS WORLDWIDE

Our faculty and staff advise local, regional, national and international decision makers, including the Intergovernmental Panel on Climate Change (IPCC), Washington State Board of Natural Resources, Pacific and North Pacific Fishery Management Councils, International Whaling Commission and more.

HUSKY PRIDE:

- UW Atmospheric Sciences ranked #1 and Oceanography ranked #2 in international polls
- More than 30 American Geophysical Union Fellows
- 11 UW Distinguished Teaching Award winners
RESOURCES FROM ACROSS THE PUGET SOUND AND THE WORLD

From Bristol Bay in Alaska to Friday Harbor in Washington, the College of the Environment’s field stations provide unparalleled opportunities for collaborative working and learning, cutting-edge research and educational outreach. Our interdisciplinary centers and programs are headquartered at field stations throughout the state and region.

FIELD STATIONS AND VESSELS

- Alaska Salmon Program
- Center for Sustainable Forestry at Pack Forest
- Friday Harbor Laboratories
- Olympic Natural Resources Center
- Research Vessel Kittiwake
- Research Vessel Rachel Carson
- Research Vessel Thomas G. Thompson

RESEARCH AND OUTREACH CENTERS

- Climate Impacts Group
- Cooperative Institute for Climate, Ocean and Ecosystem Studies
- EarthLab
- Pacific Northwest Seismic Network
- Program on Climate Change
- Quaternary Research Center
- UW Botanic Gardens
- Washington Ocean Acidification Center
- Washington Sea Grant

“

I came to UW because of Friday Harbor Labs: A quarter there was the best decision of my undergraduate career. Diving in at the Labs resulted in lifelong friendships, a passion for marine invertebrates, and the decision to continue on my research path in graduate school.

- Sanna Titus, Marine Biology major, class of 2020

Research Vessel Rachel Carson in Lake Union
Be a part of our impact as the College of the Environment addresses national and global challenges and leads the world in environmental research and education.

With your partnership, we can advance the UW's long history of excellence for Washington and for the world.

To learn more, contact the College of the Environment Advancement team
(206) 616-8902 | envadv@uw.edu | environment.uw.edu

**HONORING PLACE**

The University of Washington acknowledges the Coast Salish peoples of this land, the land which touches the shared waters of all tribes and bands within the Suquamish, Tulalip and Muckleshoot nations.