

OCEAN AND COASTS

Immerse yourself

OUT THERE



Oregon State
University

Nothing on earth is as vast as the ocean — including your opportunities to explore, understand and sustain it.

DIVE IN.



Marine studies doesn't just happen on a boat or in a laboratory. It happens in the boardroom, at the engineer's desk, in the artist's studio.

The ocean covers more than 70 percent of the Earth's surface and impacts all of its physical, biological, chemical and geological processes. Yet for all the ocean's power, there are equally daunting challenges.

Climate change, ocean acidification, pollution, variable fish stocks and rising sea levels are just some of the pressures facing marine habitats, nearshore ecosystems and coastal communities. To preserve its beauty and power, the ocean needs people in every discipline to show up — to take their place as an advocate for marine flourishing.

The good news is Oregon State University has been a leading force in marine studies for decades — and you can join in. You'll learn from faculty who are experts in their fields and can spend part of your college career in an unparalleled living-learning laboratory: the spectacular Oregon Coast.

Because the issues facing the ocean are multifaceted, Oregon State takes an interdisciplinary approach, combining teaching from multiple colleges to give you the comprehensive skills needed to solve complex problems.

Are you ready for the challenge? **Dive in.**

YOUR 1ST YEAR

The path to a better world starts here.

Your first year at Oregon State will be spent building a foundation for a well-rounded education. You'll develop your critical thinking, communication and problem-solving skills through courses from Oregon State's Baccalaureate Core — the physical and biological sciences, mathematics, writing, fitness, cultural diversity — along with some beginning courses in your particular area of interest. You can also choose from first-year experience and weekend introduction courses that take you to the coast.



Launch a rewarding career in virtually any direction.

You can incorporate your love for the ocean into just about any career field, whether you're studying engineering, anthropology, digital communication, marine biology, animal science, education, earth sciences or anything else. Plus, the growth of the "blue" economy — with its focus on sustainable use of ocean resources — means job opportunities expand with it. And since the ocean and its influence is truly global, you can work in the United States and abroad, in a federal, state or local government agency, a university, nonprofit or other community organization.

Get ready for what's next.

In marine-related career fields, you need a wide range of skills, and that starts early with a well-balanced college preparatory curriculum, including English and mathematics. Classes in speech and fundamental computer skills will sharpen your writing and communication abilities. And because ocean issues involve people, volunteer work and other extracurricular activities can help you develop social and leadership skills during your high school career.



Immerse yourself in the Marine Studies Initiative (MSI). Explore Oregon and the world.

Oregon State's Marine Studies Initiative (MSI) is a university-wide effort to create a healthy future for our oceans and all who depend on them. As a student, you can pursue transdisciplinary academic programs and research that emphasizes collaboration, experiential learning, public engagement and hands-on problem solving.

Whatever your major, you can take classes, conduct research or complete an internship on Oregon State's main campus **in Corvallis** or at our top-notch facilities on the Oregon Coast:

Hatfield Marine Science Center (HMSC)

Over the past 50 years, the HMSC in Newport has built its reputation as one of the world's leading marine laboratories, known for collaborative research and a vast array of experiential learning opportunities including courses and a thriving summer internship program. A new Marine Studies building (in 2020) will be a hub for students, faculty and partners. The space will feature a state-of-the-art innovation lab and studio, designed to enable students, researchers and entrepreneurs to design, build, test and market new technologies, as well as promote creative artistic projects.

Port Orford Field Station

Located just south of Cape Blanco on Oregon's southern coast, the field station provides access to the region's unique marine and terrestrial ecosystem for teaching and research, particularly in the areas of coastal stewardship and sustainability.

OSU Seafood Lab

The Seafood Research and Education Center in Astoria helps fishermen add value to their catch and processors develop innovative seafood products. Since 1940, the lab's ongoing research has advanced seafood science, safety and technology.

OCEAN AND COASTS

We offer a variety of degree programs for those who are excited to go deep into marine sciences. Have a different focus? You can add ocean-related minors to any of Oregon State's 200+ degree programs — no problem.



Choose one of our many marine-specific majors:

(Selected minors, options and certificates in small type)

College of Agricultural Sciences

Bioresource Research

Water Resources

Fisheries and Wildlife Science

Marine Conservation and Management

College of Earth, Ocean, and Atmospheric Sciences

Earth Sciences

Ocean Science

Environmental Sciences

Aquatic Biology

College of Liberal Arts Marine Studies*

College of Science

Biology

Marine Biology

Microbiology

Aquatic Microbiology

Zoology

Put the Ocean in Your Major.

You can incorporate your love for the ocean into any major by pairing it with one of the following marine-focused minors.

Marine Conservation and Management
Marine Biology and Ecology
Marine Studies*
Oceanography

Pursue that next big breakthrough.

Every year, more than 2,000 undergraduates participate in research with professors and graduate students. Not only do these research projects prepare you for graduate school or a career in research, they examine real issues impacting not just earth and life sciences, but social sciences, the humanities and other disciplines. Ready to dive in? Check with the professors in your major about available research opportunities.

Give your career a head start.

Many programs require or encourage on-the-job experience to prepare you for what's next. Increasingly, graduate and professional schools prefer students who have experience working in the field. Your professors, department and college, as well as the Oregon State Career Development Center, can help you apply for an internship.

Depending on your internship, you can choose to take a term or two off from classes, take classes while completing your internship or do one over the summer. Internship opportunities are available at locations along the Oregon Coast, across the U.S. and abroad. You might even spend part of an internship out on the ocean.

*This degree is currently under development, with anticipated availability in 2019/2020. Students may not be admitted to a program that is not represented in the current OSU Catalog. If you are interested in this degree, keep informed about its development by contacting the Marine Studies Initiative and asking to be added to the marine studies degree listserv.

Explore beyond the classroom.

Oregon State offers a resource-rich environment that encourages you to combine your interest in marine studies with opportunities like the **Honors College** and **study abroad programs**. You'll find challenging, unique experiences that support your academic, professional and personal growth — and have fun, too.

Connect with peers and mentors.

We have a number of marine-oriented clubs and student organizations, as well as professional groups that might peak your interest. This is a great way to connect with friends and colleagues who have common interests. Who knows what could come of it!

Scholarships can give you a boost toward your goals.

Be sure to apply.

Scholarships to help you pay for college are available at the university level, as well as from individual colleges and departments. Most scholarships are awarded based on information in the Oregon State scholarship application submitted with your application for admission, but others require separate applications. The deadline for applying for university scholarships is Feb. 1. Be sure to check with your college and department on the deadlines for other scholarships.

In addition, scholarships, fellowships and awards based on a students' unique research interests and individual need are available to study at Oregon State's Hatfield Marine Science Center. Learn more at hmsc.oregonstate.edu.

TO GET OUT THERE YOU START HERE.

COME VISIT

The best way to see yourself as an Oregon State student is to come visit. Set up a campus tour and arrange to talk with people in your area of academic interest. Call the Office of Admissions at 800-291-4192 or go to visitosu.oregonstate.edu.

For more information

- College of Agricultural Sciences.....541-737-2211
agsci.oregonstate.edu
- College of Earth, Ocean, and Atmospheric Sciences 541-737-1201
ceoas.oregonstate.edu
- College of Engineering.....877-257-5182
engineering.oregonstate.edu
- College of Forestry..... 541-737-2004
forestry.oregonstate.edu
- College of Liberal Arts.....541-737-0561
liberalarts.oregonstate.edu
- College of Science541-737-4811
science.oregonstate.edu
- Marine Studies Initiative.....541-737-2780
marinestudies.oregonstate.edu



Oregon State University is committed to affirmative action and equal opportunity and complies with Section 504 of the Rehabilitation Act of 1973.

This publication will be made available in accessible format upon request. Contact the Office of Admissions at 541-737-4411 or osuadmit@oregonstate.edu.



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