



Oregon State University  
College of Science

128 Kidder Hall  
Corvallis, OR 97331



**45** minutes to Marys Peak, the highest in the Oregon Coast Range. **60** to the Oregon Coast, **90** to Portland and **120** to snow-covered Cascades.

# ONE DEGREE IN SCIENCE

## ENDLESS POSSIBILITIES



Oregon State  
University

[science.oregonstate.edu](http://science.oregonstate.edu)

@OSUScience @OSUScience company/osuscience @OSUScience

## We are

Bold, curiosity-driven, determined, world-changing, creative, diverse, global, unwavering, immersive, groundbreaking. Shaping the future.

## We champion

A fierce drive to build a better world through scientific discovery. A quest to understand how life and the universe work. A shared pursuit to create solutions to society's great challenges.

## Welcome, Team Science!

Together, we are combating climate change. Improving human and animal health. Developing better sources of renewable energy and sustainable technology. Enhancing deeper understanding through data science.

---

[science.oregonstate.edu/admissions](https://science.oregonstate.edu/admissions)

---

*You have a place here.*



(At least)

# Five reasons

the College of Science  
should be your top choice:

## 1 Award-winning teaching.

College of Science instructors are transforming teaching and learning to make science and math accessible for more students. Their groundbreaking teaching methods have provided models that other national universities replicate.

## 2 Researchers

who foster cutting-edge research and discovery – global leaders in ocean conservation, materials and biomedical sciences. Right here, at OSU Science.

## 3 Lab and field work, and more.

Our science students do undergraduate research guided by faculty mentors, putting their heads and hands to work solving important problems.

## 4 Resources for academic success.

From the Science Success Center and Beaver Connect to tutoring centers and experiential learning experiences.

## 5 Stellar academic advising.

Our dedicated advisors help science students leverage every resource the university provides. Experience one of the best pre-med advising programs in the nation here.

Oh, and one more reason—

## & The campus.

Yes, our beautiful tree-lined campus is one more thing OSU students love most.



Look at the world around you.

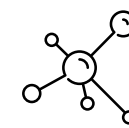
# Do you see something that could be *better*?

## Study science with us.

An education in science opens doors to all kinds of opportunities to protect our planet and improve society. At OSU, you can study everything from the ocean floor to the stars.

## OUR MAJORS

Find your passion and then pursue it with *all you've got*.



### Biochemistry & Biophysics

Solving problems at the intersection of biological and physical sciences



### Biochemistry & Molecular Biology

Revealing how life works at the molecular level



### BioHealth Sciences

Positively impacting local, regional and global health



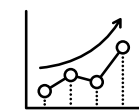
### Biology

Exploring the science of life from cells to ecosystems



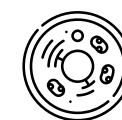
### Chemistry

Understanding the world through the study of molecules and materials



### Mathematics

Analyzing objects of complexity and beauty to solve critical problems



### Microbiology

Studying the smallest organisms to solve the world's biggest problems



### Physics

Exploring the frontiers of knowledge and the wonders of the cosmos



### Zoology

Explore the diversity, ecology and organismal biology of animals

[science.oregonstate.edu/majors](https://science.oregonstate.edu/majors)



# OUR PREHEALTH OPTIONS

Your dreams are within your grasp.

College of Science academic advisors are here to support you through your pre-health journey.



Pre-Medicine



Pre-Dentistry



Pre-Pharmacy



Pre-Physical  
Therapy



Pre-Optometry




Pre-Physician  
Assistant

[science.oregonstate.edu/prehealth](http://science.oregonstate.edu/prehealth)

# Put your purpose into *practice*.

If you are driven by a desire to improve the health and lives of others, Oregon State University's many **pre-health** options allow you to gain hands-on scientific knowledge that prepare you for a future in healthcare. In addition to the B.S. degree, the College of Science gives you solid preparation for the MCAT, the Dental Admissions Test and other exams.

 **66%** Our medical school admittance rate average is well above the national average of 37%



**“We believe in the concept of Seva or selfless service.”**

For **Mahtab Brar**, OSU was the perfect fit to balance his passion for science with his call to service. Now a medical student at OHSU, Mahtab reflects, “I knew Oregon State had a really good reputation in the sciences, that it was academically rigorous, and that I would have many options in the College of Science.”

# Rethink what's possible.

When passionate, determined students come together with dynamic, leading-edge faculty, society benefits as a whole. In the College of Science, you will learn from some of the world's leading minds, both within and beyond our classrooms — in research labs, mentorship programs and out in the field.



Take professors like Afua Nyarko, for one. Dr. Nyarko, a professor of biochemistry and biophysics, is one of only a handful of scientists worldwide using structural biology to study proteins implicated in the formation of tumors. Her lab welcomes undergraduate students with a passion for seeking answers to scientific challenges.



Physics instructor KC Walsh combines cutting-edge technology with superb teaching to help students succeed in introductory physics classes. He is the force behind the pioneering flipped classroom model at OSU that is modernizing science education.

"The flipped classroom model is a student-centric classroom where the attention is on the students rather than the instructor," says Walsh.

Your science major can take you anywhere.



Physics and mathematics (Honors) double major **Ryan Tollefsen** is the 2019 winner of the Goldwater scholarship, the nation's top award for sophomores and juniors in STEM fields. From creating code for complex semiconductor experiments at OSU to snagging a competitive research fellowship at MIT, Ryan has accomplished a lot thanks to his perseverance as well as the rigorous and collaborative experiences at OSU.



**Julia Zavala**, a first-gen college student and Honors biology major, is a natural leader on campus. She is the president of the Minority Association of Premedical Students at OSU and a recipient of the Gilman International Scholarship, awarded by the U.S. Department of State. Julia will undertake a medical internship in Cordoba, Argentina to gain a global perspective on healthcare as a future doctor.

8

Fulbright Scholars since 2017

16

Goldwater Scholars since 2005



33% of all Honors students are in the College of Science



# WHO IS Team Science?

## Dedicated faculty

<b>114</b>	<b>18</b>	<b>22</b>
Tenured and tenure-track faculty	American Association for the Advancement of Science Fellows	University Distinguished Professors

## Passionate students

<b>3,245</b>	<b>148</b>	<b>122</b>	<b>469</b>
Undergraduates	OSU-Cascades	Ecampus	Graduate students

## Top programs

<b>TOP 12%</b>	<b>TOP 1.5%</b>
of public universities in the country	of research universities in the world

## A network of proud alumni

**30,631**  
of them, in fact!

*Change the world.*  
We've been doing it since 1932.

We are home to **award-winning academic programs**, state-of-the-art labs and high-tech instrumentation in marine science, ecology, materials physics and sustainable chemistry. We are always outward-looking, engaging our community through Discovery Days and other outreach programs to bolster our next generation of science leaders.

## Meet the Class of 2024!

<b>1,026</b>	<b>312</b>	<b>17%</b>	<b>28%</b>	<b>45%</b>
First-year students	Transfer students	Underrepresented in science	First-generation in College	High-achieving (GPA 3.75+)

Study abroad. Pursue research.  
Do an internship. Join a club.

# Learn by *doing*.

The opportunities to grow and develop your skills, deepen your interests and build your future are immense.

[science.oregonstate.edu/hands-on](https://science.oregonstate.edu/hands-on)



\$165K

Awarded to Science students last year to conduct summer research in labs on campus and across the country.



26

Science clubs for all majors, focuses and interests



#1

More biology majors study abroad than any other major at OSU

## Get ready to make the next big discovery.

OSU's significant research funding translates into more opportunities to work on real, publishable research that has a profound effect on the world. Doing undergraduate research helps you explore your interests, gain laboratory experience and inspires your career path.

A great way to start doing research in the College of Science is through our Summer Undergraduate Research Experience – or SURE Science – which offers undergraduate science students 11 weeks of paid summer research positions, paired with a faculty mentor.

## Get involved in campus life

Science and math student clubs and organizations open the doors to many opportunities to learn outside the classroom, meet new people, share interests, develop skills and get involved in life on campus.

## Gain real-world experience

Land an internship through the Career Development Center, connect with science alumni in a 5 under 5 event, or shadow a physician in our medical preceptorship program. Internships give you real-life experiences that will make you stand out from the rest.



# Half of our undergraduates work on research projects

alongside faculty mentors

on topics ranging from astrophysics to sea stars and biomedicine.

7

Academic departments

200

Research labs

\$230K

College support for undergrad research

[science.oregonstate.edu/sure](http://science.oregonstate.edu/sure)

[science.oregonstate.edu/ursa](http://science.oregonstate.edu/ursa)



“I am essentially getting experience that a grad student would be getting.”

Former student **Colin Muñiz** (Chemistry and Physics '18), now pursuing a Ph.D. in chemistry at the University of Southern California, successfully published a paper in the *Journal of Solid State Chemistry* before graduation.

“My research experience with Dr. May Nyman has been invaluable. The opportunities I have been offered here are truly phenomenal.”



**\$450M**

in research funding to Oregon State last year  
– the highest in the state

# Prepare to flourish.

There has never been a better time to improve your career prospects and pursue a passion.

According to the U.S. Bureau of Labor Statistics, demand for expertise in the sciences is projected to grow significantly in the next decade.

Outstanding teaching and transformative learning in the College of Science will prepare you for career success and a life of purpose.



“What I think is remarkable is that although OSU is a big school, I found opportunities and support to have a ton of personal, really impactful experiences.”

— **Megan Cook** (Biology, Chemistry '09), Manager of Education Partnerships & Programs, Ocean Exploration Trust



## Our graduates find jobs they love

Adobe Research  
Hewlett-Packard  
Intel  
Johns Hopkins University  
Los Alamos National Laboratory  
Mayo Clinic  
National Center for Atmospheric Research  
Ocean Exploration Trust  
Oregon Department of Fish & Wildlife  
Peace Health Laboratories  
Sandia National Labs  
Siemens Healthineers  
U.S. Air Force  
U.S. Fish & Wildlife Service  
U.S. Food and Drug Administration  
World Health Organization

## ...and get into top schools

Cornell University  
Harvard University  
Oregon Health & Science University  
Princeton University  
Stanford University  
University of California, Berkeley  
University of Washington  
Wake Forest Medical School

**#1** public university in Oregon for mid-career salaries according to Payscale.com

[science.oregonstate.edu/careers](https://science.oregonstate.edu/careers)



**Engaging and learning.**

Our four **tutoring centers** are welcoming and friendly spaces where peer and faculty mentors offer guidance, help you grasp course materials and improve your academic performance.

**By students, for students.**

Science **Peer Advisors** are trained extensively on campus services, processes and programs. They are available to help you register for classes, make changes to your schedule, use the course scheduler, find study abroad and internship information, connect you with science clubs and much more.

**On-the-spot assistance**

OSU's successful **Learning Assistant Program**, which began in biology, gives students extra personal attention in introductory science classes. Advanced students join the classroom to help newer students understand difficult concepts – a student-centered approach to learning that boosts success.

Your potential has no limits.  
*We're all in to help you succeed.*

One of our highest priorities is creating and supporting a culture of inclusive excellence.

**Innovative teaching, experiential learning and effective mentorship empower you to reach your goals.**

Our College is a model of outstanding teaching. We've reinvented the way students learn by combining hands-on learning in state-of-the-art labs with innovative educational technologies. The OSU Department of Physics, for example, has won national renown for its groundbreaking Paradigms in Physics undergraduate curriculum, supported continuously by grants from the National Science Foundation for more than 20 years.

**We are inspired to reach the highest standards of excellence in teaching and research.** Innovations in science and mathematics classrooms as well as peer and faculty mentoring programs enhance inclusion and the academic success of all our students. Together, we are breaking barriers in STEM fields and building the next generation of diverse scientists and professionals.



**“Science fosters a tight-knit community and values collaborative work.”**

“I enjoyed having a community of like-minded people who share a genuine interest in science. Within my major, there are so many students with diverse cultural backgrounds and different levels of experience in the medical, research and educational fields. I admire that my major is diverse yet inclusive.” —**Emily Do** (BioHealth Sciences '20)



*Say yes* to big ideas  
and an exciting future.

We're not here just to prepare you for a constantly changing world, we're here to help you **change it for the better** through scientific discovery.

Take the next step. Learn more about joining our diverse community of curiosity-driven students, world-class researchers, dedicated instructors and advisors – all of whom share your passion for science and mathematics.

VISIT US

[science.oregonstate.edu](https://science.oregonstate.edu)

REACH OUT

[sciencesuccess@oregonstate.edu](mailto:sciencesuccess@oregonstate.edu)

Talk to a Science Peer Advisor. Take our virtual tour. And apply today. **See for yourself why science is better at Oregon State.**