ENGINEERING IS EVERYWHERE.

IT’S NOT JUST ROCKETS AND ROBOTS. (BUT WE HAVE THOSE TOO.)
Oregon State stands out as one of only three universities in the country with land, sun, sea, and space grant designations.

That means you’ll see firsthand how Oregon State Engineers collaborate with researchers in agriculture, forestry, oceanography, and public health (among other fields), and how partnerships with national labs, utility companies, construction companies, and high-tech industries are tackling some of the biggest challenges facing humanity.
Roll up your sleeves, put your hands and mind to work, and feel yourself growing organically connected to the ground you stand on.

Researchers in engineering, agriculture, and environmental systems at Oregon State are working together to investigate how rain gardens can remove contaminants from stormwater.

"I’ve really liked being outside and getting my hands dirty. It’s changed my idea of what I want to do in my future career. I don’t want to be always inside a lab. I also want to be outside doing fieldwork."

– Carly Thorkildson
Oregon State innovations include:

• New materials for more efficient solar cell technology.
• Better, more sustainable batteries.
• Wildlife-friendly wind energy.
• Improved methods of harvesting renewable energy for the power grid.
• Novel technology for smaller, safer, and cleaner nuclear power.

Here, you can tackle complex challenges like sustainable energy, drawing upon knowledge from a variety of disciplines.

Researchers at Oregon State are finding ways to make wind turbines safer for eagles and other birds.
Be part of an active community, committed to having a positive impact in the world and having fun while doing it.

• Dive into research with world-class faculty.
• Feel at home in an engineering-specific living community on campus.
• Work together on a common goal with friends in over 50 student organizations that:
  » Celebrate broadly diverse identities and heritage. Oregon State is proud to welcome students of all races, ethnicities, genders, sexual identities, ages, and abilities into our unique community.
  » Build networks and connect with companies.
  » Hone engineering skills through competitions and real-world experiences.

Get involved in engineering solutions such as mitigating tsunami hazards, harnessing marine energy, and minimizing coastal erosion.

Nicholas Touchette, ‘21 was part of a student team that designed, built, and tested a wave energy converter that won two awards in a competition held by the U.S. Department of Energy. The multidisciplinary team brought together undergraduate and graduate students in engineering with others in business, public policy, environmental science, and ocean studies. The team was mentored by Oregon State faculty and engineers from Columbia Power Technologies Inc. Opportunities like this are possible at the largest nearshore experimental facility at an academic institution in the U.S. — the O.H. Hinsdale Wave Research Laboratory.

The Pacific Ocean is our backyard.

Feel the energy.

Learn more than engineering.

“I’ve learned so much about realizing my power and using it to create platforms for underheard voices. Not everyone gets the opportunity to do what I’ve done and I’m eternally grateful for that,” said Sneha Sinha, ‘20, about her leadership positions in clubs and organizations. Her experiences included working for the Center for Diversity and Inclusion, which supports and empowers students from groups that have been denied opportunities because of systemic racism and other forms of oppression.
You can find Oregon State Engineers at every major aerospace enterprise in the U.S., including Boeing, SpaceX, and NASA.

Our rocketry and Mars rover student teams have won several awards in national competitions.

With an engineering degree, the sky is no longer the limit.

Hands-on experiences in research, internships, and clubs propelled Kristen Travers, ’21, to her first job as a systems engineer at Boeing. “I really love how collaborative Oregon State is. I had no idea how much I would rely on other people when I came to college. But right off the bat, in my initial classes — calculus, physics — I was in study groups, and as a senior I had project-based classes. It’s cool to see that the students and the faculty here really want everybody to succeed.”

Jill Lewis, ’11, used her experience on Oregon State’s Global Formula Racing team to become a composite production engineer at SpaceX, where she is currently a certification lead. “Oregon State was an amazing education that definitely set me up for success. One thing Oregon State has that other universities do not is a critical focus on hands-on activities,” she said.

William Allen, ’86, a mechanical design engineer at NASA’s Jet Propulsion Laboratory played a pivotal role in the Perseverance Mars rover. “Oregon State was touted as a good engineering school, and once I set foot on that campus, that’s all it took for me,” he said.
We’ll meet you where you are.

Perhaps you have participated in robotics competitions since middle school, or maybe you are trying engineering for the first time. Wherever you are, we’re here to help you gain the knowledge you need to achieve your dreams.

• Find support through free tutoring in engineering, math, science, writing, and general academic coaching.
• Get a head start by taking upper-division courses early. There are no restrictions as long as you meet the prerequisites.
• Gain access to smaller class sizes and thesis research mentorship by applying to the Honors College.
• More options: Explore the pathway to Oregon State by starting at a community college, or check out our Ecampus degree programs.

Check out our podcast, “Engineering Out Loud,” to hear from professors and students about how their research serves our community and others around the world by:
• Inventing technologies to provide clean water for communities lacking resources.
• Predicting the behavior of wildfires.
• Investigating how to make buildings, infrastructure, and utilities more resilient to earthquakes.
• Helping hospitals improve processes for providing critical services during a major disaster or public health emergency.

Make an impact.

What sparks your curiosity?

Your first year will expose you to new ideas and inspiration.

• EXPLORE THE DIVERSITY OF ENGINEERING — Find a multitude of engineering disciplines and experts from a variety of backgrounds who have interests in virtually every field of human endeavor.
• LEARN BY DOING — Immerse yourself in hands-on challenges from day one, in classes, clubs, and other activities.
• GET INSPIRED — Connect with alumni who can help you envision your future. You might even meet one who already has your dream job.
• SHARE THE EXPERIENCE — Become part of a vibrant community where you are an important and valued member.

We’ll meet you where you are.

Perhaps you have participated in robotics competitions since middle school, or maybe you are trying engineering for the first time. Wherever you are, we’re here to help you gain the knowledge you need to achieve your dreams.

• Find support through free tutoring in engineering, math, science, writing, and general academic coaching.
• Get a head start by taking upper-division courses early. There are no restrictions as long as you meet the prerequisites.
• Gain access to smaller class sizes and thesis research mentorship by applying to the Honors College.
• More options: Explore the pathway to Oregon State by starting at a community college, or check out our Ecampus degree programs.

Check out our podcast, “Engineering Out Loud,” to hear from professors and students about how their research serves our community and others around the world by:
• Inventing technologies to provide clean water for communities lacking resources.
• Predicting the behavior of wildfires.
• Investigating how to make buildings, infrastructure, and utilities more resilient to earthquakes.
• Helping hospitals improve processes for providing critical services during a major disaster or public health emergency.

Make an impact.

What sparks your curiosity?

Your first year will expose you to new ideas and inspiration.

• EXPLORE THE DIVERSITY OF ENGINEERING — Find a multitude of engineering disciplines and experts from a variety of backgrounds who have interests in virtually every field of human endeavor.
• LEARN BY DOING — Immerse yourself in hands-on challenges from day one, in classes, clubs, and other activities.
• GET INSPIRED — Connect with alumni who can help you envision your future. You might even meet one who already has your dream job.
• SHARE THE EXPERIENCE — Become part of a vibrant community where you are an important and valued member.
Launch your career.

Experiences in and out of the classroom will prepare you for your next step.
- Amplify your professional growth through career training.
- Advocate for a more just world with the support of the Center for Diversity and Inclusion.
- Make lasting connections with industry representatives through networking opportunities.
- Get critical job experience through eye-opening internships or working with campus organizations.
- Expand your opportunities through research mentorship from world-class faculty.

Ongoing scholarship support.

The College of Engineering provides scholarships in addition to what the university offers. You can receive new scholarships or renewals throughout your time here.
- One out of nine undergraduates receives scholarships from the college.
- The average scholarship from the college is $2,145 per year.
- About 36% of all scholarships awarded by the college are renewable annually.

Oregon State University in Corvallis, Oregon, is located within the traditional homelands of the Marys River or Ampinefu Band of Kalapuya. Following the Willamette Valley Treaty of 1855, Kalapuya people were forcibly removed to reservations in Western Oregon. Today, living descendants of these people are a part of the Confederated Tribes of Grand Ronde Community of Oregon (grandronde.org) and the Confederated Tribes of the Siletz Indians (ctsi.nsn.us).