

SHILEY SCHOOL OF ENGINEERING AT UP

CAREER OPPORTUNITIES

Leverage your aptitude for math, physics, and chemistry to make a positive impact on the world. In your career you might design solutions for:

- Wastewater systems
- Developing software
- Testing electronic biomedical devices
- Protecting natural resources and public health
- Automating difficult tasks

SPECIAL PROGRAMS

- R1-caliber undergraduate research with faculty
- SAE Formula and Electric Vehicle Grand Prix competition teams
- MECOP and CECOP: More than 150 northwest companies and municipalities partner with students for two, paid, six-month internships

#1 Engineering program in Oregon
Money Magazine, 2022

Since 2021,
MORE THAN 100
engineering students have co-authored publications with faculty.

16 Average class size

The ABET-accredited Donald P. Shiley School of Engineering prepares students to solve the technical challenges facing the world through hands-on classwork, cutting-edge research with faculty, multidisciplinary curriculum, and real-world projects with industry partners.

UNDERGRAD PROGRAMS:

- Civil Engineering
- Computer Science
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering

MINORS:

- Computer Science
- Environmental Engineering



IS THE ENGINEERING SCHOOL RIGHT FOR ME?

Do you enjoy:

- Design, function, and fabrication?
- Thinking creatively?
- Problem solving and experimenting?

Are you interested in:

- Designing sustainable solutions?
- Protecting natural resources and public health?
- Challenging yourself and testing the limits?

An undergraduate degree from the Shiley School of Engineering might just be the perfect fit for you!



SHILEY SCHOOL OF ENGINEERING



THE PORTLAND ADVANTAGE

- Our strong relationships and location in North Portland give you access to a wide range of career-building opportunities with local engineering firms, industry partners, and city municipalities. Some industry partners even have offices in our new award-winning Shiley-Marcos Center for Design & Innovation, making internships that much easier.
- Here are just a few of our key partners: **City of Portland Bureau of Environmental Services, Daimler Truck North America, Hyster-Yale, Intel, Kittelson and Associates, Lease Crutcher Lewis, Opsis Architecture, Skanska, and Tektronix.**

GET INVOLVED ON CAMPUS

- Aeronautics Club
- Electric Vehicle Design Club
- Global Engineering Initiative (GEI)
- Maker Space Club
- Robotics Club
- And 11 national engineering societies with UP chapters!

RECENT UP GRADUATES: WHERE ARE THEY NOW?

- Alex M. '24, Computer Science, Software Engineer, Siemens EDA
- Nathan B. '23, Mechanical Engineering, Instrumentation & Controls Engineer, SSOE
- Theo A. '24, Electrical Engineering, Electrical Engineer, Hyster-Yale
- Olivia H. '21, Civil Engineering, Environmental Engineer, AECOM



“When I first came to UP, I thought that engineering meant robotics. But now I realize there’s so much more to the field. I feel fortunate that I’ve been able to explore a lot of different options to see what I like best.”

— Sylvia Brown '25, Mechanical Engineering major, Environmental Engineering minor, Secretary of UP’s Chapter of the Society of Women Engineers



Learn more about the Shiley School of Engineering

CONTACT US

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