CHEMICAL ENGINEERING
UNIVERSITY of WASHINGTON

Master of Science Degree

A launch pad for leaders in industry and academia

The UW ChemE master's program bolsters knowledge, research aptitude, and professional skills on the cutting edge of chemical engineering

Why UW ChemE?

Set in the beautiful Pacific Northwest, the University of Washington is the top recipient of federal research and training funds among public universities. In UW ChemE, students learn from leading researchers in their fields and select from a menu of M.S. degree options that help them reach their goals:

- **Research track** with thesis and non-thesis programs for academia and industry preparation, respectively. A transcriptable data science degree option is available.
- **Data science track** with a capstone project requirement. This is a streamlined program intended for industry career preparation.

The Master's degree requires one to two years to complete, depending on the program and intensity of study. The data science track can be completed in as little as 10 months.

Rigorous coursework

The M.S. program covers subjects important to all chemical engineers — including thermodynamics, transport phenomena, kinetics and applied mathematics — along with coursework tailored to student interest.

Research in world-class labs

Every master's student completing a thesis will join a faculty-run lab to conduct innovative, original research. Our faculty's work spans a broad swath of chemical engineering fields, including:

- Molecular engineering and science
- Biotechnology and human health
- Clean energy
- Quantum and nanoscale science
- Data science
- Advanced materials and interfacial engineering

Learn more and apply

cheme.washington.edu