

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 option** with thesis and non-thesis programs for academia and industry preparation, respectively. A transcriptable data science degree option is available.
- **Data science option** with an industry-sponsored capstone project. 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. The data science option can be completed in as little as 10 months.

## Skills for today's engineering landscape

All M.S. students gain a foundation in subjects including thermodynamics, transport phenomena, kinetics and applied mathematics, and have the opportunity to join our capstone program to get real world experience with relevant research problems.

## 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

[www.cheme.uw.edu](http://www.cheme.uw.edu)