

## Ch E 550: Membrane Science and Engineering

### CHEMICAL ENGINEERING

This course covers the science of membrane processes and the engineering of membrane system module and process design. Topics discussed include: membrane transport theory, porous and nonporous membranes, membrane characterization, and unit operations with a focus on the application of membrane theory to unit operations and the optimization of both industrial and academic applications.

3 Credits

#### Prerequisites

- [Engr 322: Transport Phenomena](#)
- Prerequisite: Junior standing (60 hr).

#### Instruction Type(s)

- Lecture: Lecture for Ch E 550

#### Subject Areas

- [Chemical Engineering](#)

#### Related Areas

- [Chemical and Biomolecular Engineering](#)

