

# Ch E 550: Membrane Science and 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

### Instruction Type(s)

Lecture: Lecture for Ch E 550

## **Subject Areas**

Chemical Engineering

#### **Related Areas**

<u>Chemical and Biomolecular Engineering</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

