

CHEMICAL ENGINEERING, MASTER OF SCIENCE (M.S.)

Thesis only: 30 credits

A minimum of 30 credit hours of course work in technical areas relating directly to chemical engineering is required for the M.S. degree, 6 of which are devoted to thesis research. All students seeking graduate degrees in Chemical Engineering must enroll in ENCH610, ENCH620, ENCH630, and ENCH640 if they have not completed equivalent courses. In addition to Graduate School regulations, special degree requirements (including core course GPA requirements) are described at the Chemical Engineering Department website: www.ench.umd.edu (<http://www.ench.umd.edu>).

Course	Title	Credits
Core Requirements		
ENCH609	Graduate Seminar	2
ENCH610	Chemical Engineering Thermodynamics	3
ENCH620	Methods of Engineering Analysis	3
ENCH630	Transport Phenomena	3
ENCH640	Advanced Chemical Reaction Kinetics	3
ENCH799	Master's Thesis Research	6
Remainder of coursework		10
Total Credits		30