

CHEMICAL ENGINEERING, M.E.

Degree Requirements (30 Hours)

Core Courses (12 Hours)

Course	Title	Credits
ECHE 700	Chemical Process Analysis	3
ECHE 710	Advanced Chemical Engineering Thermodynamics	3
ECHE 720	Advanced Fluid Flow Analysis	3
ECHE 722	Advanced Mass Transfer	3
Total Credit Hours		12

Six Additional Lecture Courses (18 Hours)

Two of the six additional courses (6 hours) must be chemical engineering lecture courses, and the remaining four courses (12 hours) may be from business, chemistry, engineering, or mathematics. A program of independent study (ECHE 797, three or six credit hours) may be substituted for one or two of the remaining four lecture courses. At least five of the lecture courses (15 hours) required for the Master of Engineering degree must be numbered 700 and above. Proposals for programs of independent study must be submitted and approved by the faculty of the department before the work is initiated.

Advisement

The graduate director serves as the academic advisor for M.E. students.

Comprehensive Examination

Each M.E. candidate must pass a comprehensive examination before graduation. Students should consult the graduate director for information on the format and subjects of the comprehensive examination.

Note: No foreign language is required for any graduate degree in chemical engineering. Additional requirements follow.