

Masters of Engineering in Chemical Engineering

Updated: February 26, 2013 by JJH

General Requirements

- 30 credits total
- At least 18 of the total credits required for degree must be at 5xx level
- 3xx level courses are not allowed
- 4xx level courses may be used
- Courses with grades below C- cannot be used to satisfy graduation requirements
- Three credits (min.) registration required during term of graduation
- Max of 6 credits of individual problems courses (570)

Course Requirements

The following courses are required of each ME student:

- ECHM 594: Graduate Seminar (1 cr, can be taken twice)
- ECHM 503: Thermodynamics (3 cr)
- ECHM 533: Transport Phenomena (3 cr)

Plus, a course in each of the following areas:

- Reaction Engineering (3 cr), ECHM 510 or another reactions course (e.g., EBIO 566 Biofilm Engineering)
- Numerical Analysis (3 cr), EGEN 506 or another advanced engineering mathematics course (e.g., EGEN 505)