

Master of Engineering in Chemical Engineering

General Requirements

- 30 credits total
- at least 21 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 graduate requirements
- Three credits (min.) registration required during term of graduation
- Max of 6 credits of independent study courses (ECHM 592)

Course Requirements

The following courses are required of each ME student:

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|----------|------------------------------|---|
| ECHM 594 | Seminar (can be taken twice) | 1 |
| ECHM 503 | Thermodynamics | 3 |
| ECHM 533 | Transport Phenomena | 3 |

Plus, a course in each of the following areas:

Reaction Engineering

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|-------------|-------------------------------|---|
| ECHM 510 | Reaction Engineering/Modeling | 3 |
| or EBIO 566 | Fundamentals of Biofilm Engr | |

Advanced Mathematics

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|-------------|--------------------------------|---|
| EGEN 505 | Advanced Engineering Analysis | 3 |
| or EGEN 506 | Numerical Sol to Engr Problems | |