Master of Science in Chemical Engineering

Program Overview: 30 credit hours

Coursework Only Program:
- **Take:**
  - CH EN 6353 Fluid Mechanics
  - CH EN 6603 Mass Transfer
  - CH EN 6553 Chemical Reaction Engineering
  - CH EN 6853 Thermodynamics
- **Attain 3.0 GPA**
- **Take additional 18 credit hours of elective courses, 9 of which must be ChemE electives**
- **Final Exam:**
  - 3.3 GPA in graduate courses required to pass final exam

Project-based Program:
- **Take:**
  - CH EN 6353 Fluid Mechanics
  - CH EN 6603 Mass Transfer
  - CH EN 6553 Chemical Reaction Engineering
  - CH EN 6853 Thermodynamics
- **Attain 3.0 GPA**
- **Take additional 12 credit hours of elective courses, 6 of which must be ChemE electives**
  - **Take 6 credit hours of CH EN 6253 Advanced Design Project**
- **Final Exam:**
  - Oral defense of the student's project, administered by Supervisory Committee

Thesis-based Program:
- **Take:**
  - CH EN 6353 Fluid Mechanics
  - CH EN 6603 Mass Transfer
  - CH EN 6553 Chemical Reaction Engineering*
  - CH EN 6853 Thermodynamics*
- **Attain 3.0 GPA**
- **Take additional 12 credit hours of elective courses, 6 of which must be ChemE electives**
  - **Take at least 6 credit hours of CH EN 6973 Thesis Research**
- **Final Exam:**
  - Oral defense of the student's thesis, administered by Supervisory Committee

*Students with a BS/BA in Chemical Engineering are not required to take these courses

Required Forms: Submit to Program Coordinator
- Request for Supervisory Committee
- Program of Study
- Graduation Application
- Final Examination (n/a for coursework only program)