



M.S. in Chemical Engineering Required Courses

THESIS PROGRAM - 21 graded credits / 30 total

- **ChE 510** (Transport Phenomena) - 3 credits
- **ChE 596** (Research Methods I) – 2 credits
- **CHE 597** (Research Methods II) - 1 credit
- **ChE 527** (Thermodynamics) – 3 credits
- **CHE 529** (Kinetics) - 3 credits
- **9 additional** credits in supporting courses as approved by advisor.
- **CHE 598** Seminar (1 credit) every semester.
- **ChE 700** (research credit) every semester – credit amount will vary per semester (at least 9 must be completed to meet graduation requirements.)

NON-THESIS PROGRAM – 26 graded credits / 30 total

- **ChE 510** or the equivalent (Transport Phenomena) - 3 credits
- **ChE 596** (Research Methods I) – 2 credits
- **CHE 597** (Research Methods II) - 1 credit
- **ChE 527** (Thermodynamics) – 3 credits
- **CHE 529** (Kinetics) - 3 credits
- **6 credits** of 500 level CHE courses
- **8 additional** credits approved by your advisor
- **CHE 598** Seminar (1 credit) every semester
- **CHE 702** (research credit) every semester – credit amount will vary per semester (at least 4 must be completed to meet graduation requirements.)