Major Requirements (Thesis Option = 30 Credits)

A core curriculum for all M.S. candidates in chemical engineering (ChE) includes the following courses or approved substitutions:

- CBE 550 (Systems Analysis Applied to ChE Transport Phenomena) 3 Cr $1,097.25 Fees $240.00 Discipline Fee Charges Total Cost $1,337.25
- CBE 612 (Transport Phenomena: Momentum) 3 Cr $1,097.25 - $240.00 - $1,337.25
- CBE 613 (Transport Phenomena: Heat) 3 Cr $1,097.25 - $240.00 - $1,337.25
- CBE 621 (Advanced Chemical Engineering Thermodynamics I) 3 Cr $1,097.25 - $240.00 - $1,337.25
- Kinetics Elective: CBE 544 (Reactor Design) or MES 728 (Heterogeneous Kinetics) 3 $1,097.25 - $240.00 - $1,337.25
- Applied Computation Elective: CBE/ME 616 (Computations in Transport Phenomena) or MATH 432 (Partial Differential Equations) or IENG 486 (Statistical Quality and Process Control) 3 $1,097.25 - $240.00 - $1,337.25
- CBE 790 (Seminar) 1 $365.75 - $80.00 - $445.75

In addition to the core curriculum, a minimum of 6 credits of thesis research - CBE 798 6 $2,194.50 - $480.00 - $2,674.50

Chemical Engineering approved electives (CBE prefix) 5 $1,828.75 - $400.00 - $2,228.75

Total Credits Required for the Thesis Option 30 $10,972.50 - $2,400.00 - $13,372.50

Average Cost Per Credit Hour (Thesis Option) $445.75

Major Requirements (Non Thesis Option = 32 Credits)

A core curriculum for all M.S. candidates in chemical engineering (ChE) includes the following courses or approved substitutions:

- CBE 550 (Systems Analysis Applied to ChE Transport Phenomena) 3 Cr $1,097.25 Fees $240.00 Discipline Fee Charges Total Cost $1,337.25
- CBE 612 (Transport Phenomena: Momentum) 3 Cr $1,097.25 - $240.00 - $1,337.25
- CBE 613 (Transport Phenomena: Heat) 3 Cr $1,097.25 - $240.00 - $1,337.25
- CBE 621 (Advanced Chemical Engineering Thermodynamics I) 3 Cr $1,097.25 - $240.00 - $1,337.25
- Kinetics Elective: CBE 544 (Reactor Design) or MES 728 (Heterogeneous Kinetics) 3 $1,097.25 - $240.00 - $1,337.25
- Applied Computation Elective: CBE/ME 616 (Computations in Transport Phenomena) or MATH 432 (Partial Differential Equations) or IENG 486 (Statistical Quality and Process Control) 3 $1,097.25 - $240.00 - $1,337.25
- CBE 790 (Seminar) 1 $365.75 - $80.00 - $445.75

In addition to the core curriculum, a minimum of 2 credits non thesis research - CBE 788 2 $731.50 - $160.00 - $891.50

- ENGM credits (Engineering Management courses) 3 $1,097.25 - $240.00 - $1,337.25
- Chemical Engineering approved electives (CBE prefix) 8 $2,926.00 - $640.00 - $3,566.00

Total Credits Required for the Thesis Option 32 $11,704.00 - $2,560.00 - $14,264.00

Average Cost Per Credit Hour (Thesis Option) $445.75