CHEMICAL ENGINEERING - MASTER OF SCIENCE IN CHEMICAL ENGINEERING

The program of study leading to the MS consists of 32 credits which includes:

- required CHME core graduate courses (14 credits);
- CHME elective courses numbered 455-589 (3 credits);
- other graduate elective courses (9 credits); and
- thesis as CHME 599 Master's Thesis (6 credits).

Prefix	Title	Credits
Required Core Courses		
CHME 501	Graduate Thermodynamics for Chemical Engineers	3
CHME 506	Graduate Transport Phenomena(s) (Spring semester course)	3
CHME 516	Graduate Numerical Methods in Chemical Engineering	3
CHME 542	Graduate Reactor Analysis and Design (s) (Spring semester course)	3
CHME 594	Professional Communication in Chemical Engineering	2
Electives		
CHME electives (select from CHME 455-CHME 589)		3
Electives [1]		9
Master's Thesis		
CHME 599	Master's Thesis (minimum 6 credit hours before the thesis defense)	6
Total Credits		**32**

[1] Elective courses are intended to supplement the research work of each graduate student. These courses must be numbered 450 or above and must be approved by the thesis advisor.