

ENGINEERING (CHEMICAL ENGINEERING) - DOCTOR OF PHILOSOPHY

First Year		
Fall		Credits
CHME 501	Graduate Thermodynamics for Chemical Engineers	3
CHME 516	Graduate Numerical Methods in Chemical Engineering	3
CHME Elective		3
Credits		9
Spring		
CHME 506	Graduate Transport Phenomena(s)	3
CHME 542	Graduate Reactor Analysis and Design (s)	3
CHME 594	Professional Communication in Chemical Engineering	2
CHME 690	Graduate Seminar	1
Credits		9
Summer		
Qualifying Exam		
Credits		0
Second Year		
Fall		
Grad Electives		6
CHME 698	Ph.D. Research	3
Credits		9
Spring		
Grad Elective		6
CHME 698	Ph.D. Research	3
Credits		9
Third Year		
Fall		
CHME 698	Ph.D. Research	6
Comprehensive Exam		
Credits		6
Spring		
CHME 700	Doctoral Dissertation	9
Credits		9
Fourth Year		
Fall		
CHME 700	Doctoral Dissertation	3
Credits		3
Spring		
Dissertation Defense		
Credits		0
Total Credits		54

During the Third Year - Fall semester students may need to take additional coursework that doesn't contribute to the 54 credit hour total in order to maintain full-time status