

CHEMICAL PROCESS INDUSTRY - MASTER OF ENGINEERING IN CHEMICAL PROCESS INDUSTRY (ONLINE)

First Year

Fall		Credits
CHME 501	Graduate Thermodynamics for Chemical Engineers	3
CHME 516	Graduate Numerical Methods in Chemical Engineering	3
CHME 548	Industrial Safety	3
Credits		9
Spring		
CHME 506	Graduate Transport Phenomena(s)	3
CHME 594	Professional Communication in Chemical Engineering	2
CHME 690	Graduate Seminar	1
CHME 595	Chemical Process Design and Business Analysis ²	3
Credits		9

Second Year

Fall		
CHME 596	Chemical Process Industries Research ²	1
CHME Elective ¹		3
CHME Elective ¹		3
Credits		7
Spring		
CHME 542	Graduate Reactor Analysis and Design (s)	3
CHME 597	Advanced Chemical Process Industry Analysis	2
Credits		5
Total Credits		30

¹ Students are expected to take a minimum of 6 credits of electives from any area such as chemical engineering, other engineering, business, economics, fundamentals sciences, environmental sciences, etc., to be consistent with their personal MECPI theme or emphasis.

² MECPI students may replace the project (CHME 595, 596, 597) with an additional 6 credit hours of CHME coursework (CHME 450 and above).