

# CHEMICAL ENGINEERING - MASTER OF ENGINEERING IN CHEMICAL ENGINEERING (ONLINE)

The ME is a 30 credit hour coursework and/or project-based degree with flexibility of program design for professionals seeking advanced coursework in chemical engineering. Individual degree plans are based on consultation between the student and their advisor. ME requirements are as follows:

Prefix	Title	Credits
<b>CHME Coursework</b>		
A minimum of 15 credits of CHME 500+ courses (courses 450+ may also count up to 12 credits):		15
<i>Open Electives</i>		
Students are expected to take an additional minimum of 15 credits of electives from any areas such as chemical engineering, other engineering, business, economics, fundamental sciences, environmental sciences, etc., to be consistent with their personal ME theme or emphasis.		15
Optional Engineering Project Sequence or CHME Coursework <sup>1</sup>		
CHME 595	Chemical Process Design and Business Analysis	
CHME 596	Chemical Process Industries Research	
CHME 597	Advanced Chemical Process Industry Analysis	
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Students will define and execute an engineering project through their employer while taking the following 3-semester course sequence. This may replace 6 credit hours of CHME coursework.

<b>First Year</b>		
<b>Fall</b>		<b>Credits</b>
CHME Elective		3
CHME Elective		3
CHME Elective		3
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
CHME Elective		3
CHME Elective		3
Open Elective <sup>1</sup>		3
<b>Credits</b>		<b>9</b>
<b>Second Year</b>		
<b>Fall</b>		
Open Elective <sup>1</sup>		3
Open Elective <sup>1</sup>		3
Open Elective <sup>1</sup>		3
<b>Credits</b>		<b>9</b>
<b>Spring</b>		
Open Elective <sup>1</sup>		3
<b>Credits</b>		<b>3</b>
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Students are expected to take a minimum of 15 credits of open electives from any areas such as chemical engineering, other engineering, business, economics, fundamental sciences, environmental sciences, etc., to be consistent with their personal ME theme or emphasis.

<sup>2</sup> Students interested in a Chemical Process Industries emphasis may replace 6 credits of courses with the following sequence: CHME 595 Chemical Process Design and Business Analysis, CHME 596 Chemical Process Industries Research, CHME 597 Advanced Chemical Process Industry Analysis.