



# Department of Chemical Engineering

## Curriculum



<b>FRESHMAN YEAR 1</b>						
<b>FALL</b>		<b>CR</b>		<b>SPRING</b>	<b>CR</b>	
MAT 151	Calculus I	4		MAT 152	Calculus II	4
CHE 201	General Chemistry I	4		CHE 202	General Chemistry II	4
HEA 200	Health Education	2		COM 103	Oral Communications	3
EGR 101	Introduction to Engineering	2		EGR 102	Intr. Structured Programming	3
ENG 101	Written Communication I	3		ENG 102	Written Communication II	3
UNV 101	Individual & Life	1				
	Total	16			Total	17
<b>SOPHMORE YEAR 2</b>						
<b>FALL</b>				<b>SPRING</b>		
MAT 260	Differential Equations	3		EGR 208	Engineering Analysis I	3
CME 201	Chem. Eng Calc	4		CME 303	Transport Phenom I	3
CHE 301	Organic Chemistry I	4		CHE 302	Organic Chemistry II	4
PHY 203	Intr. to Physics I	3		PHY 204	Intr. to Physics II	3
PHY 215	Intr. to Physics Lab I	1		PHY 216	Intr. to Physics Lab II	1
	Total	15			Total	14
<b>JUNIOR YEAR 3</b>						
<b>FALL</b>				<b>SPRING</b>		
EGR 315	Engineering Economy	3		BIO 101	Nature of Life	3
EGR 307	Engineering Analysis III	3		CME 308	Chem. Reaction Engineering	3
CME 307	Chem. Eng. Thermodynamics	4		CME 306	Separation Operations	3
CME 304	Transport Phenomena II	3		CHE XXX	Advanced Chemistry Elective #	3
EGR 226	Basic Elect. Eng.	3		HIS 106	World Civil. II	3
	Total	16			Total	15
<b>SENIOR YEAR 4</b>						
<b>FALL</b>				<b>SPRING</b>		
CME 405	Process Control	3		CME 408	Chem. Process Design II	3
CME 407	Chem. Process Design I	3		CME 412	Chem. Eng. Lab. II	2
CME 409	Data Anal. and Design Exp.	1		CME 420	Chem. Eng. Seminar	1
CME 411	Chem. Eng. Lab. I	2			Technical Elective	3
	Technical Elective	3		EGR 204	Engineering Safety/Ethics	3
HUM 201	Humanities and Art	3				
	Total	15			Total	12
<b>Total Hours</b>						<b>120</b>