

CHEMICAL ENGINEERING CURRICULUM

FRESHMAN YEAR

Fall			Spring		
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
ENG 101	Written Communications I	3	ENG 102	Written Communications II	3
EGR 101	Introduction to Engineering	2	EGR 102	Intro. Structured Programming	3
UNV 101	Individual & Life	1			
		16			17

SOPHOMORE YEAR

FALL			SPRING		
CME 201	Chemical Engineering Calc I	4	CHE 302	Organic Chemistry II	4
CHE 301	Organic Chemistry I	4	PHY 204	Intro to Physics II	3
MAT 260	Differential Equations	3	PHY 216	Intro to Physics Lab II	1
PHY 203	Intro to Physics I	3	EGR 208	Engineering Analysis I	3
PHY 215	Intro to Physics Lab I	1	CME 303	Transport Phenomena I	3
		15			14

JUNIOR YEAR

FALL			SPRING		
EGR 307	Engineering Analysis II	3	CME 308	Chemical Reaction Engineering	3
CME 307	Chemical Engineering/Thermodynamics	4	CME 306	Separation Operations	3
CME 304	Transport Phenomena II	3	CHE	Elective Advanced Chemistry	3
EGR 315	Engineering Economy	3	HIS 106	World Civilization II	3
EGR 226	Basic Electrical Engineering	3	BIO 101	Nature of Life	3
		16			15

SENIOR YEAR

FALL			SPRING		
CME 407	Chemical Process Design I	3	CME 408	Chemical Process Design II	3
CME 411	Chemical Engineering Lab I	2	CME 412	Chemical Engineering Lab II	2
ELECTIVE	Technical Elective	3	ELECTIVE	Technical Elective	3
			EGR 204	Engineering Ethics and Safety	3
			CME 420	Chemical Engineering Seminar	1
HUM 201	Humanities and Arts	3			
CME 405	Process Control	3			
CME 409	Data Analysis & Design Exp	1			
		15			12

TOTAL CREDITS 120