

			<b>17 credits</b>	<b>Prerequisites/Co-requisites</b>
CHEE 200	Chemical Engineering Principles 1	3	-	
CHEE 291	Instrumentation and Measurement 1	4	C - CHEE231	
CHEM 212	Introductory Organic Chemistry 1	4	P - CHEM 110 or equivalent / C - CHEM 120 or equivalent	
CHEE 231	Data Analysis and Design of Experiments	3		
MATH 262	Intermediate Calculus	3	P - MATH 141 or equivalent, MATH 133 or equivalent	
			<b>16 credits</b>	<b>Prerequisites/Co-requisites</b>
CHEE 204	Chemical Engineering Principles 2	3	P - CHEE 200	
CHEE 220	Chemical Engineering Thermodynamics	3	P - CHEE 200 / C - MATH 262	
CHEM 234	Topics in Organic Chemistry	3	P - CHEM 212	
COMP 208	Computers in Engineering	3	P - MATH 140, MATH 141 / C - MATH 133	
FACC 100	Introduction to the Engineering Profession	1	-	
MATH 263	Ordinary Differential Equations for Engineers	3	C - MATH 262	
			<b>15 credits</b>	<b>Prerequisites/Co-requisites</b>
CHEE 314	Fluid Mechanics	3	C - CHEE 204, MATH 264	
CHEE 370	Elements of Biotechnology	3	-	
CHEE 380	Materials Science	3	-	
CHEE 390	Computational Methods in Chemical Engineering	3	P - CHEE 204, COMP 208, MATH 263 / C - MATH 264	
FACC 250	Responsibilities of the Professional Engineer	0	P - FACC 100 or BREE 250	
MATH 264	Advanced Calculus for Engineers	3	P - MATH 262 / C - MATH 263	
			<b>18 credits</b>	<b>Prerequisites/Co-requisites</b>
CHEE 310	Physical Chemistry for Engineers	3	C - CHEE 220	
CHEE 315	Heat and Mass Transfer	3	P - CHEE 314	
CHEE 351	Separation Processes	3	P - CHEE 220 / C - CHEE 204, CHEE 315	
CHEE 474	Biochemical Engineering	3	P - CHEE 370/ C - CHEE315	
CHEE 484	Materials Engineering	3	P - CHEE 380	
FACC 300	Engineering Economy	3	-	
			<b>17.5 credits</b>	<b>Prerequisites/Co-requisites</b>
CHEE 400	Principles of Energy Conversion	3	P - CHEE 315/ C - CHEE 390, CHEE 484	
CHEE 423	Chemical Reaction Engineering	3	P - CHEE 310, CHEE 315	
CHEE 453	Process Design	4	C - CHEE 315, CHEE 351	
CHEE 455	Process Control	3	P - CHEE 291/ C - CHEE 423, CHEE 453	
CHEE 456-D1				

