

**BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING (BScE)  
(LIST OF COURSES BY SEMESTER)**

**First Year, First Semester**

<b>Course No.</b>	<b>Course Title</b>		<b>Hrs/Wk</b>	
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**Second Year, Second Semester**

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
Chem 28	Quantitative Analytical Chemistry	3	3	0	3	Chem 16
Chem 28.2	Quantitative Analytical Chemistry Lab	2	0	6	6	Chem 16.2
Math 71 Phys 31	Analytic Geometry and Calculus III	6	6	0	6	Math 61

**Fourth Year, First Semester**

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
					3	Chem 35
					5	Math 17
					5	Math 71, Phys 41
ES 65	Mechanics of Fluids	3	3	0	3	ES 62
ChE 133	Industrial Stoichiometry	3	2	3	5	ChE 131
ChE 142	f 149.25 736 -					

**Fifth Year, First Semester**

Course No.	Course Title	Units	Hrs/Wk			Prerequisite(s)
			Lec	Lab	Total	
ES 92	Engineering Management	3	3	0	3	4 <sup>th</sup> Year Standing
ChE 145	Chemical Reaction Engineering I	2	2	0	2	Chem 35 ChE 143
ChE 157	Unit Operation Laboratory	1	0	3	3	ChE 143 ChE 156

ChE 156 Mom 0.070 Tc 0.070 Tj 21.75