

**Chemical Engineering Department**  
**Chemical Engineering Major**  
**Curriculum Year: 2011-2012**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.  
You should pay attention to these concerns when deviating from this plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>CHE 131/141L</b> Major Core	3	<b>CHE 132/142L</b> Major Core	3	<b>CHE 143L</b> Major Core	1	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.   MAT 114, CHM 121L, and PHY 131L satisfy both major and general education requirements</i>	
	<b>CHM 121/L</b> Major Support and GE Area B2	4	<b>CHM 122/122L</b> Major Support	4	<b>MAT 116</b> Major Support	4		
	<b>GE Area E</b>	4	<b>MAT 115</b> Major Support	4	<b>CHM 123</b> Major Support	3		
	<b>MAT 114</b> GE Area B4	4	<b>GE Area</b> Any approved course in area A1, B1, or E	4	<b>PHY 131L</b> Major support and GE Area B1	1		
	<b>ENG 104</b> GE Area A2	4			<b>PHY 131</b> Major support and GE area B3	3		
					<b>GE Area</b> Any approved course in area A1, B1, B4, or E	4		
	<b>Total Units</b>	<b>19</b>		<b>Total Units</b>	<b>15</b>		<b>Total Units</b>	<b>16</b>
	<b>Total Units for Year</b>						<b>50</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>CHE 201/211L</b> Major Core	4	<b>CHE 202/212L</b> Major Core	4	<b>CHE 322L</b> Major Core	1	<i>One course must be completed in each of the GE areas A1, B1, B4 and E.</i>	
	<b>ME 214</b> Major Support	3	<b>MTE 207</b> Major Support	3	<b>ECE 231/231L</b> Major Support	4		
	<b>MAT 216 or 224</b> Major Support	4	<b>PHY 133/133L</b> Major Support	4	<b>CHM 316</b> Major Support	3		
	<b>PHY 132/132L</b> Major Support	4	<b>MAT 214</b> Major Support	3	<b>MAT 215</b> Major Support	3		
	<b>CHM 314/317L</b> Major Support	4	<b>CHM 315</b> Major Support	3	<b>MTE 317L</b> Major Support	1		
					<b>GE Area</b> Any approved course in area A1, B1, B4, or E	4		
	<b>Total Units</b>	<b>19</b>		<b>Total Units</b>	<b>17</b>		<b>Total Units</b>	<b>16</b>
	<b>Total Units for Year</b>						<b>52</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment			
	CHE 302 Major Core	4	CHE 303 Major Core	4	CHE 304 Major Core	4	Four units from any of the following list: CHM 327/L, CHM 321/L, CHM 311, CHM 312, CHM 313, CHM 352L, CHM 353L			
	CHE 311 Major Core	4	CHE 312 Major Core	3	CHE 313 Major Core	3				
	CHM 327/L or a list (see comment) Major Support	4	CHE 333L Major Core	1	GE Area A3	4				
	GE Area D2	4	MTE/CHE Elective Major Support	3	GE Area B2	3				
	Take the Graduation Writing Test		GE Area D3	4						
	Total Units		16	Total Units		15		Total Units		14
								Total Units for Year		45

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment	
	CHE 425/435L Major Core	4	CHE 442/452L Major Core	4	CHE 463 Major Core	2	Departmental approval required for all GE Synthesis courses(B5,C4 and D4)	
	CHE 441/451L Major Core	5	EGR 482 Major Support/ Area B5	2	CHE 443/453L Major Core	4		
			PLS 201 GE Area (D1a)	4	HST 202 GE Area (D1b)	4	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.	
	EGR 481 Major Support/ Area B5	2	GE Area D4	4	GE Area C3	4		
	MTE 401/L Major Support	4	CHE 436L Major Core	1	GE Area C4	4		
			CHE 426 Major Core	3				
	Request a graduation check			File an application to graduate				
Total Units		15	Total Units		18	Total Units		18
						Total Units for Year		51

<b>Total Units on Plan</b>	<b>198</b>
Major Core Units	62
Major Support Units	82
General Education Units	68
Unrestricted Elective Units	0