

Chemical Engineering Department
Chemical Engineering Major
Curriculum Year: 2012-2013

*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	
	CHE 131/141L Major Core	3	CHE 132/142L Major Core	3	CHE 143L 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>	
	CHM 121/L Major Support and GE Area B2	4	CHM 122/122L Major Support	4	MAT 116 Major Support	4		
	GE Area E	4	MAT 115 Major Support	4	CHM 123 Major Support	3		
	MAT 114 GE Area B4	4	GE Area Any approved course in area A1, C1, or E	4	PHY 131L Major support and GE Area B1	1		
	ENG 104 GE Area A2	4			PHY 131 Major support and GE area B3	3		
					GE Area Any approved course in area A1, C1, C2, or E	4		
	Total Units	19		Total Units	15		Total Units	16
	Total Units for Year						50	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment	
	CHE 201/211L Major Core	4	CHE 202/212L Major Core	4	CHE 322L Major Core	1	<i>One course must be completed in each of the GE areas A1, B1, B4 and E.</i>	
	ME 214 Major Support	3	MTE 207 Major Support	3	ECE 231/231L Major Support	4		
	MAT 216 or 224 Major Support	4	PHY 133/133L Major Support	4	CHM 316 Major Support	3		
	PHY 132/132L Major Support	4	MAT 214 Major Support	3	MAT 215 Major Support	3		
	CHM 314/317L Major Support	4	CHM 315 Major Support	3	MTE 317L Major Support	1		
					GE Area Any approved course in area A1, C1, C2, or E	4		
	Total Units	19		Total Units	17		Total Units	16
	Total Units for Year						52	

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		
			GE Area D1a PLS 201	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 Any approved course in area A2-3, B3, C1-3, D2-3, or E	4		
			CHE 426 Major Core	3	GE Area D1b HST 202	4		
	Request a graduation check					File an application to graduate		
	Total Units	15	Total Units	18	Total Units	18		
					Total Units for Year	51		

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