

**Chemistry Department**  
**Chemistry Option**  
**Curriculum Year: 2010-2011**

*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>CHM 121/121L</b> Major Core	4	<b>CHM 122/122L</b> Major Core	4	<b>CHM 123/123L</b> Major Core	4	<i>A reading knowledge of a foreign language, particularly German, is strongly recommended for students planning advanced study in Science.</i>
	<b>MAT 114</b> GE Area B1	4	<b>MAT 115</b> Major Support	4	<b>MAT 116</b> Major Support	4	
	<b>BIO 115/115L</b> GE Area B3	5	<b>PHY 131/131L</b> GE Area B2	4	<b>PHY 132/132L</b> Major Support	4	
	GE Area A1-3	4	GE Area A1-3	4	GE Area A1-3	4	
	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>	
	<b>Total Units for Year</b>					<b>49</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>CHM 314/317L</b> Major Core	4	<b>CHM 315/318L</b> Major Core	4	<b>CHM 316/319L</b> Major Core	4	
	<b>CHM 221/221L</b> Major Core	4	<b>CS 128 (or CS 125)</b> Major Support	4	<b>MAT 216</b> Major Support	4	
	<b>PHY 133/133L</b> Major Support	4	GE Area C	4	<b>HST 202</b> GE Area D1b	4	
	<b>PLS 201</b> GE Area D1a	4	Electives	5	GE Area C	4	
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>16</b>	
	<b>Total Units for Year</b>					<b>49</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 342/342L Major Core	4	CHM 343/343L Major Core	4	CHM 344/344L Major Core	4	The number of Unrestricted Elective units required will depend on the number of units taken in Advanced Chemistry Electives.
	CHM 311 Major Option	3	CHM 312 Major Option	3	CHM 313 Major Option	3	
	GE Area C	4	CHM 352A/352L Major Core	3	CHM 353L Major Option	2	
	Electives	5	GE Area C	4	GE Area C	4	
			Electives	4	GE Area B2	4	
	Take the Graduation Writing Test						
	Total Units	16	Total Units	18	Total Units	17	
	Total Units for Year					51	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>CHM 491</b> Major Core	3	<b>CHM 492</b> Major Core	3	<b>CHM 493</b> Major Core	2	For major option, take either CHM 321/321L or both CHM 327/327L and CHM 328/328L.
	<b>CHM 424/424L</b> Major Core or Option	4	<b>CHM 321/321L or CHM 327/327L or CHM 328/328L</b> Select one course Major Option	4	GE Area E	4	Advanced Chemistry Electives must be approved courses that are 300, 400-level or higher, excluding CHM 400, 491, 492, 493, and 499.
	<b>CHM 401</b> Major Option	3	<b>CHM 402</b> Major Option	3	<b>CHM 424/424L</b> Major Core or Option (If not taken in Fall)	4	One course must be completed in each of the GE Areas B4, C4, and D4.
			<b>CHM 422/422L</b> Major Core or Option (If taken in lieu of 424/424L as core or in addition as option)	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.
	Advanced Chemistry Electives Major Core	3	GE Area C	4	GE Area C	4	
			GE Area E	4			
	<b>CHM 321/321L or CHM 327/327L or CHM 328/328L</b> Major Option <i>Not required if CHM 321/321L is taken</i>	4	Elective as needed	3(4)	Advanced Chemistry Elective	3	
			Request a Graduation Check		File an application to graduate		
	Total Units	17-18	Total Units	21-22	Total Units	17	
Total Units for Year						55-57	

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<b>Total Units on Plan</b>	<b>204-206</b>	
<b>Major Core Units</b>	<b>82-88</b>	
<b>Major Support Units</b>	<b>24</b>	
<b>General Education Units</b>	<b>69</b>	
<b>Unrestricted Elective Units</b>	<b>0-5</b>	