

**Chemistry and Biochemistry Department**  
**Chemistry Option**  
**Curriculum Year: 2013-2014**

*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>  <i>One course must be completed in each of the GE Areas A1-3.</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 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	2	GE Area C	4		
	<b>Total Units</b>		<b>16</b>	<b>Total Units</b>		<b>14</b>		<b>Total Units for Year</b>
						<b>46</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	<i>The number of Unrestricted Elective units required will depend on the number of units taken in Advanced Chemistry Electives.</i>	
	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	2	GE Area C	4	GE Area D2	4		
					GE Area B5	4		
	<i>Take the Graduation Writing Test</i>							
	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>17</b>		
<b>Total Units for Year</b>						<b>44</b>		

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment	
	CHM 491 Major Core	3	CHM 492* Major Core	3	CHM 493 Major Core	2	<i>^For major option, take either CHM 321/321L or both CHM 327/327L and CHM 328/328L. CHM 321/L is offered each quarter. CHM 327/L in F,W and CHM 328/L W, Sp.</i>	
	CHM 424/424L Major Core or Option	4	CHM 402 Major Option	3	GE Area E	4		
	CHM 401 Major Option	4	GE Area D3	4	GE Area D4	4	<i>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.</i>	
			CHM 321/321L	4				
	Advanced Chemistry Electives Major Core	3			Advanced Chemistry Elective-Option Core	3		<i>*CHM423/L(W) may be used in place of CHM 422/L(Sp) or 424/L(F) with general academic petition.</i>
			<i>Request a Graduation Check</i>		<i>File an application to graduate</i>			<i>**CHM 491 and 492 can be substituted by completion of 6 units of Advanced Chemistry Electives not already counting toward major/option with general academic petition, please see advisor.</i>
<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>13</b>			
<b>Total Units for Year</b>						<b>41</b>		

<b>Total Units on Plan</b>	<b>180</b>
Major Core Units	82-88
Major Support Units	24
General Education Units	69
Unrestricted Elective Units	0-5