

**Chemistry and Biochemistry Department**  
**Chemistry Option**  
**Curriculum Year: 2015-16**

*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
	CHM 121/121L Major Core	4	CHM 122/122L Major Core	4	CHM 123/123L Major Core	4	<i>A reading knowledge of a foreign language, particularly German, is strongly recommended for students planning advanced study in Science.</i>
	MAT 114 GE Area B1	4	MAT 115 Major Support	4	MAT 116 Major Support	4	
	BIO 115/115L/115A GE Area B2/B3	5	PHY 131/131L GE Area B2	4	PHY 132/132L Major Support	4	<i>One course must be completed in each of the GE Areas A1-3.</i>
	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
	CHM 314/317L Major Core	4	CHM 315/318L Major Core	4	CHM 316/319L Major Core	4	
	CHM 221/221L Major Core	4	CS 128 (or CS 125) Major Support	4	MAT 216 Major Support	4	
	PHY 133/133L Major Support	4	GE Area C1-3	4	HST 202 GE Area D1b	4	
	PLS 201 GE Area D1a	4	Electives	2	GE Area C1-3	4	
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>16</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 depends 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 C1-3	4	CHM 352A/352L Major Core	3	CHM 353L Major Option	2	<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>
	Electives	2	GE Area C4	4	GE Area D2	4	
					GE Area B5	4	
	<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>17</b>	<i>Take the Graduation Writing Test.</i>
	<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	^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.
	*CHM 424/424L Major Core	4			GE Area E	4	
	CHM 401 Major Option	4	CHM 402 Major Option	3			
	Advanced Chemistry Electives Option Core	3	GE Area D3	4	GE Area D4	4	*CHM423/L(W) may be used in place of CHM 422/L(Sp) or 424/L(F) with general academic petition.  **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.
			CHM 321/321L^ Major Option	4	Advanced Chemistry Elective Option Core	3	
			Request a Graduation Check		File an application to graduate		
	Total Units	14	Total Units	14	Total Units	13	
Total Units for Year						41	

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