

**Biological Sciences Department
Biotechnology 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
	BIO 121/121L GE Area B2,B3 & Support	5	BIO 122/122L Major Core	5	BIO 123/123L Major Core	5	<i>SCI 101/101A and SCI 102/102A together fulfill GE Area E.</i>
	CHM 121/121L GE Area G1, B3	4	CHM 122/122L Major Core	4	CHM 123/123L Major Core	4	
	ENG 104 GE Area A1 & Support	4	ENG 105 GE Area A3 & Support	4	GE Area A2 Any approved course in this area	4	
	SCI 101/101A	2	SCI 102/102A	2			
	Total Units	15	Total Units	15	Total Units	13	
					Total Units for Year	43	

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	<i>One course must be completed in each of the GE Areas C1-3 and D2-3.</i>
	PHY 121/121L Major Support	4	PHY 122/122L Major Support	4	PHY 123/123L Major Support	4	
	*KIN/FN 203 PSY 201 PSY 210 Select one course GE Area E	(4)	CHM 221/221L Major Core	4	PLS 201 GE Area D1a	4	<i>*Complete course for GE Area E unless SCI 101/101A & SCI 102/102A taken in year 1.</i>
	MAT 120 GE Area B4	4	GE Any approved course in area C1-3 or D2-3	4	GE Any approved course in area C1-3 or D2-3	4	
			BIO 230 Major Core	1			
Total Units	12-16	Total Units	17	Total Units	16		
					Total Units for Year	45-49	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	MIC 201/201L Major Core	4	BIO 211/211L Major Core	4	BIO 441 or SCI 470 Select one course Major Core	2	<p><i>A list of approved courses in each of the Upper Division Clusters is available online or from the department and on the curriculum sheet.</i></p> <p><i>At least 20 units from one "primary" cluster and 7 units from any of the other five clusters are required. Select courses in consultation with faculty advisor.</i></p>
	CHM 327/327L Major Core	4	CHM 328/328L Major Core	4	CHM 329/329L Major Core	4	
	BIO 303 Major Core	4	BIO 310 Major Core	4	Upper Div. Cluster Major Core	4	
	HST 202 GE Area D1b	4	GE Any approved course in area C1-3 or D2-3	4	GE Any approved course in area C1-3 or D2-3	4	
	<i>Take the Graduation Writing Test</i>						
	Total Units	16	Total Units	16	Total Units	14	
Total Units for Year						46	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	BIO 450 Major Core	4	BIO 451/451L Major Core	5	BIO 490 Major Core	1	<p><i>One course must be completed in each of the GE Areas B5, C4, and D4.</i></p>
	Upper Div. Cluster Major Core	4	Upper Div. Cluster Major Core	4	Upper Div. Cluster Major Core	5	
	Upper Div. Cluster Major Core	5	GE synthesis Any approved course in area B5, C4, or D4	4	Upper Div. Cluster Major Core	5	<p><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></p>
	GE Any approved course in area C1-3 or D2-3	4	GE synthesis Any approved course in area B5, C4, or D4	4	GE synthesis Any approved course in area B5, C4, or D4	4	
			<i>Request a graduation check</i>		<i>File an application to graduate</i>		
	Total Units	17	Total Units	17	Total Units	15	
Total Units for Year						49	

Total Units on Plan	182
Major Core Units	102
Major Support Units	12
General Education Units	68
Unrestricted Elective Units	0