

**Biological Sciences Department**  
**Biology Major – Microbiology Option**  
**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
	<b>BIO 121/121L</b> GE Area B2 B3 & support	5	<b>BIO 122/122L</b> Major Core	5	<b>BIO 123/123L</b> Major Core	5	<i>SCI 101/101A and SCI 102/102A together fulfill GE Area E.</i>
	<b>CHM 121/121L</b> GE Area B1 B3 & support	4	<b>CHM 122/122L</b> Major Support	4	<b>CHM 123/123L</b> Major Support	4	
	<b>ENG 104</b> GE Area A1 & support	4	<b>ENG 105</b> GE Area A3 & support	4	<b>MAT 120</b> GE Area B4 & support	4	
	<b>SCI 101/101A</b>	2	<b>SCI 102/102A</b>	2			
	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>13</b>	
<b>Total Units for Year</b>						<b>43</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>MIC 201/201L</b> Major Core	4	<b>BIO 211/211L</b> Major Core	4	<b>BIO 303</b> Major Core	4	
	<b>CHM 314/317 L</b> Major Support	4	<b>CHM 315</b> Major Support	3	<b>CHM 316</b> Major Support	3	
	<b>PHY 121/121L</b> Major Support	4	<b>PHY 122/122L</b> Major Support	4	<b>PHY 123/123L</b> Major Support	4	
	GE Area A2 Any approved course in this field	4	<b>PLS 201</b> GE Area D1a	4	<b>HST 202</b> GE Area D1b	4	
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>15</b>	
<b>Total Units for Year</b>						<b>47</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>BIO 310</b> Major Core	4	Approved Elective Major Support	5	<b>Elective Core Course</b> Major Core	4-5	<i>One course must be completed in each of the GE areas C1-3 and D2-3.</i>  <i>Approved elective support courses are listed on the back of the curriculum sheet. A total of 18 units are required.</i>  <i>*Complete course for GE Area E unless SCI 101/101A &amp; SCI 102/102A taken in year 1.</i>	
	<b>CHM 327/327L</b> Major Support	4	<b>CHM 328/328L</b> Major Support	4	<b>CHM 329/329L</b> Major Support	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	<b>*KIN/FN 203</b> <b>PSY 201</b> <b>PSY 210</b> Select one course GE Area E	(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	GE Any approved course in area C1-3 or D2-3	4		
	<i>Take the Graduation Writing Test</i>							<i>Elective Core courses: Select 4 of 6: MIC 310/310L (Spring) MIC 410/410L (Spring) MIC 430/430L (Spring) MIC 320/320L (Fall) Mic 415/415L (Fall) Mic 425/425L (Winter)</i>
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>12-17</b>		
<b>Total Units for Year</b>					<b>45-50</b>			

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>Elective Core Course</b> Major Core	5	<b>MIC 428/428L</b> Major Core	5	<b>Elective Core Course</b> Major Core	5	<i>Elective Core courses: Select 4 of 6: MIC 310/310L (Spring) MIC 410/410L (Spring) MIC 430/430L (Spring) MIC 320/320L (Fall) MIC 415/415L (Fall) MIC 425/425L (Winter)</i>  <i>One course must be completed in each of the GE Areas B4, C4, and D4.</i> <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. Junior standing required.</i>
	<b>Elective Core Course</b> Major Core	5	Approved Elective Major Support (or Core Elective course)	5	<b>BIO 490</b> Major Core	1	
	Approved Elective Major Support	4	Approved Elective Major Support	4	Approved Elective Major Support (or Core Elective course)	5	
	GE synthesis Any approved course in area B5, C4, or D4	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>File an application to graduate</i>		
	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>15</b>	
<b>Total Units for Year</b>					<b>51</b>		

<b>Total Units on Plan</b>	<b>180</b>
<b>Major Core Units</b>	51-52
<b>Major Support Units</b>	61
<b>General Education Units</b>	68
<b>Unrestricted Elective Units</b>	0