

**Biological Sciences Department  
Biology Major – Botany Option  
Curriculum Year: 2016-2017**

*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	SCI 101/101A and SCI 102/102A together fulfill GE Area E.
	<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 110</b> GE Area A2 & Support	4	<b>ENG 130</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>BOT 201/201L</b> Major Core	4	<b>CHM 201/250L</b> Major Support	4	<b>PLT 231/231L</b> Major Support	4	One course must be completed in each of the GE Areas C1-3 and D2-3.
	<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 A1 Any approved course	4	<b>STA 120</b> Major Support	4	<b>BIO 211/211L</b> Major Core	4	
	GE Any approved course in area C1-3 or D2-3	4	<b>*KIN/FN 203, PSY 201, or PSY 210</b> Select one course GE Area E	(4)	<b>PLS 201</b> GE Area D1a	4	
							*Complete for GE Area E unless SCI 101/A and SCI 102/A taken in year 1.
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>12-16</b>	<b>Total Units</b>	<b>16</b>		
<b>Total Units for Year</b>						<b>44-48</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment	
	<b>BIO 325/325L</b> Major Core	4	<b>BIO 303</b> Major Core	4	<b>BOT 435/435L or MIC 436/436L</b> (even years)	4	Approved support electives include any 200, 300, or 400 level courses in the Biological Sciences Department not specifically designed for non-majors. Approved electives also include any advanced chemistry and math courses, and PHY 304/304L, PHY 410, PLT 131/131L, PLT 220/220L, PLT 323/323L, PLT 404/404L, PLT 421/421L, PLT 427/427L. Advisors may approve elective units from courses offered by other departments.	
	<b>CHM 321/321L</b> Major Support	4	<b>MIC 201/201L</b> Major Core	4	Approved Elective Major Support	4		
	HST 202 GE Area D1b	4	GE Any approved course in area C1-3 or D2-3	4	<b>BOT 421/421L</b> (odd yrs only) or BOT 343/343L (even years)	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	GE Any approved course in area C1-3 or D2-3	4		
	Take the Graduation Writing Test							
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>15-16</b>		
<b>Total Units for Year</b>					<b>47-48</b>			

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>BOT 428/428L</b> Major Core	5	Approved Elective Major Support	4	<b>MIC 436/436L or BOT 435/435L</b> (odd yrs only)	4	Support electives: Only 2 units of BIO 200 or BIO 400 allowed. Only 4 units of BIO 441 or BIO 461 allowed. Only 2 units of BIO 462 allowed.
	<b>BIO 413</b> Major Core	4	<b>BOT 434/434L</b> (even years)	5	<b>BOT 343/343L</b> (even yrs only) or BOT 421/421L (odd years)	3-4	
	Approved Elective Major Support	3	<b>BIO 490</b> Major Core	1	<b>BOT 456/456L</b> Major Core	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.  One course must be completed in each of the GE Areas B5, C4, and D4.
	<b>BIO 304 or BIO 340</b> GE Area B5	4	GE Synthesis Any approved course in area C4 or D4	4	GE Synthesis Any approved course in area C4 or D4	4	
					File an application to graduate		
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>15-16</b>	
<b>Total Units for Year</b>					<b>45-46</b>	Must complete C1-3 before taking C4, and D1 - 3 before taking D4.	

<b>Total Units on Plan</b>	<b>180</b>
Major Core Units	64
Major Support Units	48
General Education Units	68
Unrestricted Elective Units	0

