

**Biological Sciences Department
Biology Major--Botany 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
	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 B1,B3 & Support	4	CHM 122/122L Major Support	4	CHM 123/123L Major Support	4	
	ENG 104 GE Area A1 & Support	4	ENG 105 GE Area A3 & Support	4	MAT 120 GE Area B4 & Support	4	
	SCI 101/101A	2	SCI 101/102A	2			
	Total Units	15	Total Units	15	Total Units	13	
				Total Units for Year	43		

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	BOT 201/201L Major Core	4	CHM 201/250L Major Support	4	PLT 231/231L Major Support	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	
	GE Area A2 Any approved course	4	STA 120 Major Support	4	BIO 211/211L Major Core	4	
	GE Any approved course in area C1-3 or D2-3	4	*KIN/FN 203 PSY 201 PSY 210 Select one course GE Area E	(4)	PLS 201 GE Area D1a	4	
							<i>*Complete for GE Area E unless SCI 101/A & SCI 102/A taken in year 1</i>
Total Units	16	Total Units	12-16	Total Units	16		
				Total Units for Year	44-48		

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	BIO 325/325L Major Core	4	BIO 303 Major Core	4	MIC 435/435L or BOT 436/436L (even yrs only)	4	<i>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.</i>
	CHM 321/321L Major Support	4	MIC 201/201L 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	BOT 421/421L (odd yrs only) or BOT 343/343L (even yrs only)	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	
	<i>Take the Graduation Writing Test</i>						
Total Units	16	Total Units	16	Total Units	15-16		
					Total Units for Year	47-48	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	BOT 428/428L Major Core	5	Approved Elective Major Support	4	BOT 436/436L or MIC 435/435L (odd yrs only)	4	<i>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. 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.</i>
	BIO 413 Major Core	4	BOT 434/434L (even yrs only)	5	BOT 343/343L (even yrs only) or BOT 421/421L (odd yrs only)	3-4	
	Approved Elective Major Support	3	BIO 490 Major Core	1	BOT 456/456L Major Core	4	
	BIO 304 or BIO 340 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	
Total Units	16	Total Units	14	Total Units	15-16		
					Total Units for Year	45-46	

Total Units on Plan	180
Major Core Units	64
Major Support Units	47
General Education Units	69
Unrestricted Elective Units	0