

Biology Sample of a Program of Study

		Fall Semester			Spring Semester		
		Course	Course Title	Hrs.	Course	Course Title	Hrs.
Freshman		MA 106	Precalculus Trigonometry	3	MA 125	Calculus I	4
		CH 115, 115R	General Chemistry I with Recitation	3, 0	EH 102	English Composition II	3
		CH 116	General Chemistry I Lab	1	BY 123, 123L	Biology I with Lab	4, 0
		EH 101	English Composition	3	CH 117, 117R	General Chemistry II with Recitation	3, 0
			NSM Freshman Year Experience	1	CH 118	General Chemistry II Lab	1
			Core II or IV	3			
		Total Credits: 14			Total Credits: 15		
Sophomore		CH 235, 235R	Organic Chemistry with Recitation	3,0	CH 237, 237R	Organic Chemistry II with Recitation	3, 0
		CH 236	Organic Chemistry Lab	1	CH 238	Organic Chemistry II Lab	1
		BY 124, 124L	Biology II with Lab	4, 0	BY 210	Genetics	3
			Core II or IV	3		Core II or IV	3
			Elective	3		Elective	3
			Total Credits: 14			Total Credits: 13	
Junior		BY	Cellular or Molecular	3	BY	Organismal	4
		PH 201,R,L	Physics I with Recitation and Lab	4	PH 202, R, L	Physics II with Recitation and Lab	4
			Core II or IV	3		Core II or IV	3
			Core II or IV	3		Core II or IV	3
		BY	BY Elective (see note below)	3		Elective	3
			Total Credits: 16			Total Credits: 17	
Senior		BY	Physiology/Developmental	4	BY	BY Elective (see note below)	4
		BY	Ecology/Evolution	4	BY	BY Elective (see note below)	3
		BY	BY Elective (see note below)	3	BY	BY Elective (see note below)	3
			Core II or IV	3		Elective	3
			School Wide	3		School Wide	3
			Total Credits: 15			Total Credits: 16	

1. Assumes student is placed in MA 106
3. Assumes student will successfully pass Physics Placement Test in lieu of PH 100
5. Must complete at least one Literature Core II and two History Core IV or two Literature Core II and one History Core IV
7. Must earn BY GPA of at least 2.0

2. Assumes student has had one year of High School Chemistry, grade C or better.
4. Assumes no AP, Dual Enrollment, IB or CLEP credit
6. BY 101, 102, 107, 111, 112, 116, 216, 261, 307 **do not count** toward Biology Elective (15-16 semester hours)
8. See BY Advisor once each term.