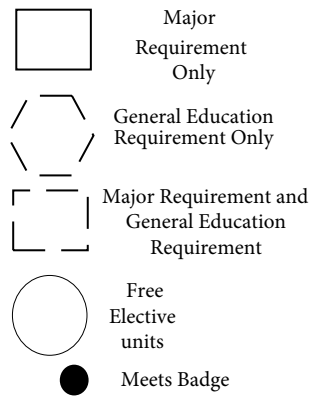


## Biological Sciences Sample Plan – Developmental Track



		Year 1			
Year 1	Semester 1 (17 units)	● BIO 1 & 1L Contemporary Biology with Lab (5 units)	SPARK Seminar (4 units)	● MATH 11 Calculus I for BIO (4 unit)	● CHEM 2 General Chemistry I (4 units)
	Semester 2 (17 units)	BIO 2 & 2L Intro to Molecular Biology with Lab (5 units)	WRI 10 College Reading & Composition (4 units)	● MATH 12 Calculus II for BIO (4 units)	● CHEM 10 General Chemistry II (4 units)
Year 2	Semester 3 (14-16 units)	GE Language (4 units)	● Major Computer Science Requirement (2 -4 units)	PHYS 18 & 18L Introductory Physics I for Biological Sciences & Lab (3 units & 1 unit)	● BIO 110 The Cell (4 units)
	Semester 4 (16-18 units)	CHEM 8 & 8L Organic Chemistry I (4 units)	Probability & Statistics Requirement (4-5 units)	PHYS 19 & 19L Introductory Physics II for Biological Sciences & Lab (3 units & 1 unit)	Approaches to Knowledge   Area B I (4-5 units)
Year 3	Semester 5 (13-17 units)	Approaches to Knowledge   Area B II (2-4 units)	BIO 140 Genetics (4 units)	[Upper Division Science/Engineering Course] (3-4 units)	[Quantitative Biology] (4-5 units)
	Semester 6 (16-20 units)	● BIO 150& 150L Embryos, Genes, and Development (7 units)	Crossroads (4 units)	[Evolution Course] (3-4 units)	Approaches to Knowledge   Area A III (4 units)
Year 4	Semester 7 (12-18 units)	Laboratory Component – [Lecture + Lab] (4-5 units)	Approaches to Knowledge   Area B III (2-5 units)	Free Elective (minimum 1 unit)	Free Elective (minimum 1 unit)
	Semester 8 (12-18 units)	[Upper Division Biology Elective Course I] (3-5 units)	[Upper Division Biology Elective Course II] (3-5 units)	Integrative Culminating Experience (1-4 units)	Free Elective (minimum 1 unit)

- This sample plan demonstrates the recommended sequencing and timing of the required and elective components within the major.
- In many cases, a student's academic background will require variations in the timing of the coursework listed in the plan.
- All students are expected to work with their academic advisor to find their best pathway through the degree requirements of their chosen program.
- When taking an advanced language GE, students might need to plan to take its prerequisite or its first level course.
- For Crossroads, please refer to BIO 130, 170, & BIO 177.  
 \*\*\*Crossroads and Writing in the Discipline can not be shared with one another.