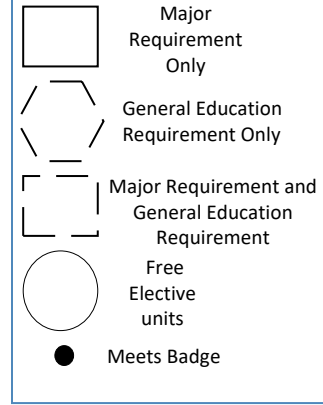


## Biological Sciences Sample Plan – Molecular & Cell Track

Year	Semester	Units	Course/Requirement	Requirement Type	Meets Badge
Year 1	Semester 1	(17 units)	BIO 1 & 1L Contemporary Biology with Lab (5 units)	Major Requirement Only	●
	Semester 2	(17 units)	BIO 2 & 2L Intro to Molecular Biology with Lab (5 units)	Major Requirement Only	●
Year 2	Semester 3	(12-14 units)	MATH 11 Calculus I for BIO (4 units)	General Education Requirement Only	
	Semester 3	(12-14 units)	PHYS 18 Introductory Physics I for Biological Sciences (4 units)	Major Requirement and General Education Requirement	
	Semester 3	(12-14 units)	WRI 10 College Reading & Composition (4 units)	General Education Requirement Only	
	Semester 3	(12-14 units)	CHEM 2 General Chemistry I (4 units)	Major Requirement Only	●
Year 3	Semester 4	(15-17 units)	BIO 110 The Cell (4 units)	Major Requirement Only	
	Semester 4	(15-17 units)	PHYS 19 Introductory Physics II for Biological Sciences (4 units)	Major Requirement and General Education Requirement	
	Semester 4	(15-17 units)	Approaches to Knowledge   Area B I (4-5 units)	General Education Requirement Only	
	Semester 4	(15-17 units)	[Upper Division Science or Engineering] (3-4 units)	Major Requirement Only	
Year 4	Semester 5	(12-15 units)	BIO 18 Statistics for Scientific Data Analysis (4 units)	Major Requirement Only	
	Semester 5	(12-15 units)	[Laboratory Component – Lecture & lab] (4-7 units)	Major Requirement Only	
	Semester 5	(12-15 units)	Crossroads (4 units)	General Education Requirement Only	
	Semester 5	(12-15 units)	[Evolution Course] (3-4 units)	Major Requirement Only	
Year 4	Semester 6	(12-16 units)	BIO 140 Genetics (4 units)	Major Requirement Only	
	Semester 6	(12-16 units)	Approaches to Knowledge   Area A III (2-4 units)	General Education Requirement Only	
	Semester 6	(12-16 units)	Writing in the Discipline (3-4 units)	General Education Requirement Only	
	Semester 6	(12-16 units)	[Quantitative Biology] (4 units)	Major Requirement Only	
Year 4	Semester 7	(12-16 units)	[Upper Division Biology Elective I] (3-5 units)	Major Requirement Only	
	Semester 7	(12-16 units)	Approaches to Knowledge   Area B II (2-4 units)	General Education Requirement Only	
Year 4	Semester 8	(12-18 units)	Free Elective (3 units)	Free Elective units	○
	Semester 8	(12-18 units)	[Upper Division Biology Elective II] (3-5 units)	Major Requirement Only	
Year 4	Semester 8	(12-18 units)	[Upper Division Biology Elective III] (3-5 units)	Major Requirement Only	
	Semester 8	(12-18 units)	Approaches to Knowledge   Area B III (2-4 units)	General Education Requirement Only	
Year 4	Semester 8	(12-18 units)	Integrative Culminating Experience (1-4 units)	Major Requirement Only	
	Semester 8	(12-18 units)	Free Elective (3 units)	Free Elective units	○



- 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.



