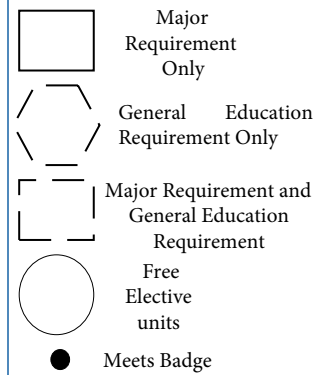


Biological Sciences Sample Plan – Human Biology Track

Year 1	
Semester 1 (17 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">● BIO 1 & 1L Contemporary Biology with Lab (5 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">SPARK Seminar (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">● MATH 11 Calculus I for BIO (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">● CHEM 2 General Chemistry I (4 units)</div> </div>
Semester 2 (17 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">BIO 2 & 2L Intro to Molecular Biology with Lab (5 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">WRI 10 College Reading & Composition (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">● MATH 12 Calculus II for BIO (4 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">● CHEM 10 General Chemistry II (4 units)</div> </div>
Year 2	
Semester 3 (12-14 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Language (2-4 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">● MATH 15 Introduction to Scientific Data Analysis (2 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">PHYS 18 & 18L Introductory Physics I for Biological Sciences & Lab (3 units & 1 unit)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">CHEM 8/L Organic Chemistry I (4 units)</div> </div>
Semester 4 (13-17 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">BIO 110 The Cell (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Approaches to Knowledge Area A III (2-5 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">PHYS 19 & 19L Introductory Physics II for Biological Sciences & Lab (3 units & 1 unit)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">CHEM 100 Organic Chemistry II (3-4 units)</div> </div>
Year 3	
Semester 5 (15-18 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">Probability & Statistics Requirement (4-5 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Approaches to Knowledge Area B I (4-5 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">[Evolution Course] (3-4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">BIO 101 Biochemistry (4 units)</div> </div>
Semester 6 (12-16 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">[Human Biology Course with Lab – Lecture +Lab] (5-7 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">BIO 140 Genetics (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Approaches to Knowledge Area B II (2-4 units)</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 20%;">Free Elective (minimum 1 unit)</div> </div>
Year 4	
Semester 7 (12-16 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">[Human Biology Elective] (3-4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Writing in the Discipline (3-5 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Approaches to Knowledge Area B III (4-5 units)</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 20%;">Free Elective (minimum 2 unit)</div> </div>
Semester 8 (12-13 units)	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 20%;">[Psychological, Social and Behavioral Science Elective] (4 units)</div> <div style="border: 1px solid black; padding: 5px; width: 20%;">[Quantitative Biology] (4 units)</div> <div style="border: 1px dashed black; padding: 5px; width: 20%;">Integrative Culminating Experience (4-5 units)</div> </div>



- 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.
- Classes that can maximize major/emphasis and writing in the discipline are BIO 150L & BIO 161

***Crossroads and writing in the discipline can not be shared with one another