

## *Four-Year Degree Plan for Major in Biology, B.A.*

Note that this is a sample four-year plan for the general biology, organismal and evolutionary biology and molecular biology concentrations. Note the requirements for the Category I-III courses specific to each concentration. There are other course sequences that will allow a student to graduate within four years as long as prerequisite courses are taken in the proper sequence. A student must earn a minimum of 124 credit hours to qualify for the Bachelor of Arts degree in Biology.

### **First (Freshman) Year - Fall Semester**

BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
AWR 101	Writing and Inquiry	4
BAC 101	First-Year Seminar I	1
	or	
HON 101	Pathways to Honors 1	1
MAT 170	Precalculus	4

**Subtotal: 17**

### **First (Freshman) Year - Spring Semester**

BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
MAT 260	Calculus I	4
	Humanities / Fine Arts or Social Science (Bacc. Exp.)	4
BAC 102	First-Year Seminar II	1
	or	
HON 102	Pathways to Honors 2	1

**Subtotal: 17**

Upper-division biology courses (above BIO 199/198, ENS 200, and MAR 201) require completion of the lower-core curriculum with a grade of "C" or better in each course — BIO 198,, BIO 198L BIO 199,, BIO 199L, CHE 152, CHE 153, CHE 154, CHE 155, MAT 170.

### **Second (Sophomore) Year - Fall Semester**

BIO 200	General Genetics	4
	or	
BIO 201	Molecular Genetics	4
CHE 232	Organic Chemistry I	3
	or	
PHY 200	General Physics I	4
	or	
PHY 205	General Physics with Calculus I	4
CHE 233L	Organic Chemistry I Laboratory	1
	or	
PHY 200L	General Physics I Laboratory	
	or	
PHY 205L	General Physics with Calculus I Laboratory	
	General Elective	4
AWR 201	Writing and Research	4

**Subtotal: 16**

### **Second (Sophomore) Year - Spring Semester**

BIO	Category requirement (I, II or III)	4
BIO	Category requirement (I, II or III)	4
	Humanities/Fine Arts or Social Science (Bacc. Exp.)	4
	Humanities/Fine Arts or Social Science (Bacc. Exp.)	4

**Subtotal: 16**

### **Third (Junior) Year - Fall Semester**

BIO	Category requirement (I, II or III)	3
BIO	Category requirement (I, II or III)	4
	General Elective	4
	Humanities/Fine Arts or Social Science (Bacc. Exp.)	4

**Subtotal: 15**

### **Third (Junior) Year - Spring Semester**

BIO	Category requirement (I, II or III)	4
	General elective	4
	Humanities/Fine Arts or Social Science (Bacc. Exp.)	4
	General Elective	4

**Subtotal: 16**

### **Fourth (Senior) Year - Fall Semester**

BIO	Category requirement (I, II or III)	4
BIO	Biology elective	4
	General Elective	4
	General Elective	4

**Subtotal: 16**

### **Fourth (Senior) Year - Spring Semester**

BIO 410	Senior Seminar	1
BIO 411	Biology Outcomes Capstone	
BIO	Biology elective	4
	Humanities/Fine Arts or Social Science (Bacc. Exp.)	4
	General Elective	4

**Subtotal: 13**

Note: The math requirement and natural science component of the Baccalaureate Experience are fulfilled by courses in the above sequence (i.e., BIO 198, CHE 152, MAT 260).