

# B.A. Ecology & Evolutionary Biology

Catalog Year 2020 - 2021

NAME \_\_\_\_\_ SID \_\_\_\_\_ Date \_\_\_\_\_

## GENERAL EDUCATION COURSES:

### **Freshman Composition** *(Complete one sequence.)*

ENGL 101 (3) \_\_\_\_\_ ENGL 102 (3) \_\_\_\_\_ *or*  
*(ENGL 106)* \_\_\_\_\_  
 ENGL 107 (3) \_\_\_\_\_ ENGL 108 (3) \_\_\_\_\_ *or*  
 ENGL 109H (3) \_\_\_\_\_

### **Foundation Mathematics** *(Placement may require coursework in addition to foundation requirement.)*

MATH 122 A + B (5) *or* MATH 125 (3)  
*or* MATH 119A (4) *or* MATH 113 (3) \_\_\_\_\_

### **Second Language** *(Fourth Semester Proficiency)*

\_\_\_\_\_

## TIER ONE COURSES:

### **Individuals and Societies 150** *(6 units)*

\_\_\_\_\_

### **Traditions and Cultures 160** *(6 units)*

\_\_\_\_\_

## TIER TWO COURSES:

### **Arts** *(3 units)*

\_\_\_\_\_

### **Humanities** *(3 units)*

\_\_\_\_\_

### **Individuals and Societies** *(3 units)*

\_\_\_\_\_

**Diversity Emphasis Requirement:** *(One course must meet this requirement. It can be double-dipped.)*

\_\_\_\_\_

**Note:** Courses offered only in the fall, spring, or summer semesters are labeled with F, S, or SS.

## FOUNDATION COURSES (30 units):

### **General Chemistry**

CHEM 151 (4) \_\_\_\_\_ CHEM 152 (4) \_\_\_\_\_ *or*  
 CHEM 141 & 143 (4) \_\_\_\_\_ CHEM 142 & 144 (4) \_\_\_\_\_

### **Mathematics**

MATH 129 (3) *or* MATH 263 (3) *or* ECOL 379 (3; S) \_\_\_\_\_

### **Physics**

PHYS 102 (3) \_\_\_\_\_  
 PHYS 103 (3) \_\_\_\_\_

### **Lower Division Biology** *(Choose one.)*

ECOL 206 Environmental Bio  
 ECOL 220 Evolutionary Medicine (F; SS)  
 ECOL 223 Human Genetics & Evol (S)  
 ECOL 230 Natural History of the SW (S)  
 ECOL 249 Evolution (F)  
 ECOL 250 How Science Works (S)

## CORE REQUIREMENTS (23 units):

### **Introductory Biology**

MCB 181R & L (4) \_\_\_\_\_ ECOL 182R & L (4) \_\_\_\_\_

### **Introduction to Ecology or Evolution**

ECOL 335 (S; 4) \_\_\_\_\_ *or* ECOL 302 (4; F) \_\_\_\_\_

### **Genetics**

ECOL 320 (SS; F; 4) \_\_\_\_\_

## MAJOR ELECTIVES (16 units): Elective courses may

only count towards one category below.

Organismal (8): \_\_\_\_\_

\_\_\_\_\_

EEB (8) : \_\_\_\_\_

\_\_\_\_\_

## ADDITIONAL ELECTIVE REQUIREMENTS:

Writing Emphasis Course: \_\_\_\_\_

### University Requirements

120 total units _____	42 upper division units _____
2.00+ Cum GPA _____	2.00+ Major GPA _____
56+ university units _____	18/30 UA major units _____
30 UA units _____	MCWA

## Academic Plan for B.A. in Ecology & Evolutionary Biology

### Semester 1

CHEM 151 or 141 + 143	4
MATH 122A+B <i>or</i> MATH 125 <i>or</i> MATH 119A <i>or</i> MATH 113	3 – 5
ENGL 101	3
Tier 1	3 – 6
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Total	13 – 18

### Semester 2

CHEM 152 or 142 + 144	4
ECOL 182R + ECOL 182L	4
MATH 263 or ECOL 379	3
ENGL 102	3
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Total	14

### Semester 3

CHEM 241A + CHEM 243A	4
MCB 181R + MCB 181L 200- Level ECOL (or Tier 1)	4 3
Second Language	4 – 5
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Total	15 – 16

### Semester 4

CHEM 241B + CHEM 243B	4
Tier 1 (or 200-Level ECOL)	3
Second Language	4 – 5
Organismal Elective	4
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Total	15 – 16

### Semester 5

ECOL 320	4
Organismal Elective	4
Second Language	4
EEB Elective	3
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Total	15

### Semester 6

ECOL 335 ( <i>or</i> ECOL 302 in Fall)	4
Second Language	4
Tier 1	6
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Total	14

### Semester 7

ECOL 302 ( <i>or</i> ECOL 335 in Spring)	4
PHYS 102	3
EEB Elective	3
Tier 2	6
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Total	16

### Semester 8

PHYS 103	3
Tier 2	3
General Electives	6 – 9
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Total	12 – 15

Total units required: 120

Upper division units required: 42

Please note that this checklist indicates ECOLBA requirements. Additional coursework not listed on this page is required in order to graduate.