

# Ecology, Evolution, and Organismal Biology

## General Studies for B.S. degree:

### Communication Outcome (6-9 credit hours):

2-3 courses, grade of C or better required

ENG 101 and ENG 102	—/ —	COM 101	—
OR		(required of all students)	
ENG 103	—		

### Analysis Outcome (20-21 credit hours; 11-12 credit hours satisfied within major requirements):

Students must take courses from each analytical block as directed:

<u>Critical Reading (1 Course)</u>		<u>Economics/Finance (1 Course)</u>	
ENG 200-400 Literature, any	—	ECON 103, 104, OR FIN 131	—
 <u>Logic/Critical Assessment (1 Course)</u>			
LING 150, PSYC 101 OR PHIL 210	—		

### Self and Cultural Awareness Outcome (18 credit hours):

Students must take courses from each awareness block as directed:

<u>Fine Arts (1 Course)</u>		<u>Perceptions &amp; Cultures (5 Courses)</u>	
ART 140, 340, 341, 343,		4 Courses from different groups	
FA 101, MUS 130, 132, 133, 134		GEO 205, 206	—
THE 100, 300	—	POLS 101, 201	—
		SOC 150, SWK 201	—
		REL, any	—
		SPAN, FREN, SPA 252	—
		HE 250, 300	—
		PHIL, any except PHIL210	—
		1 Course HIST	
		HIST 103, 104, 210, 211	—

## Core Courses: (35 hours)

BIO 124/125 <sup>t</sup> (Prin Bio; F/S)	—/ —	PHYS 101/110 (Physics I; F)	—/ —
BIO 200 (Botany & lab; F/S)	—	PHYS 102/111 (Physics II; S)	—/ —
BIO 202/203 (Zoo/lab; F/S)	—/ —	MATH 145 <sup>t</sup> (Precal)	—
CHEM 110/111 <sup>t</sup> (Chem I; F)	—/ —	BIO 221 (Biostats; F/S)	—
CHEM 112/113 (Chem II; S)	—/ —		

<sup>t</sup>Courses fulfill General Studies Analysis Outcome for Quantitative and Scientific blocks.

## Required Courses:

BIO 207 (Funds Eco/Biodiv; F/S)	— (3h)	BIO 426 (Comp An Phys/lab)	— (4h)
BIO 325/326 (Micro/lab; F)	— (4h)	BIO 428 (Evol Bio)	— (3h)
BIO 343 (Vert. Zoology/lab; F)	— (4h)	BIO 440 (Conserv Bio)	— (4h)
BIO 401 (Genetics/lab; S)	— (4h)	BIO 479 (Internship; 1-3h)	—
BIO 404/405 (Eco/lab; S)	— (4h)	BIO 480 (Capstone; F/S)	— (1h)

*Systematics block* (Choose one class from the following)

BIO 331 (Plant Tax, 4h)	___	BIO 356 (Parasitology, 4h)	___
BIO 335 (Arthropod Div, 4h)	___	BIO 408 (Herpetology, 4h)	___
BIO 346 (Mycology, 3h)	___	BIO 442 (Freshwater Invert, 4h)	___

*Field/Lab science block* (Choose at least one class from the following)

BIO 225 (Terrest. Habitats, 1-2h)	___	BIO 406 (Field Bio, 4h)	___
BIO 329 (Applied Micro/lab, 4h)	___	BIO 478 (Special Topics: 1-3h)	___

**Biology Electives:** 8 credit hours of any combination of BIO 208 Foundations of Cell & Molecular Biology and/or BIO 300-400

**General Electives:** Any 300-400 level general electives to total 120h (120h required for graduation; roughly 2-13 credit hours dependent on choices in program)

Courses may not be offered every semester/year; please consult with Biology advisor.