

# BIOLOGY BA (120 hrs.)

**Effective 2019-2020**

NAME	PID	Optional 2 <sup>nd</sup> Major or Minor
------	-----	---

## FOUNDATIONS

English Comp. and Rhetoric	Foreign Language*		Quant. Reas. (QR) **	Lifetime Fitness (LFT)
	1.	3.		(1 hr)
	2.	4.		

\* Through Level 3

\*\* Choose one of MATH 130, 152, 231; COMP 110, 116; STOR 155 or 215

## APPROACHES

Phys. and Life Sciences (PL/PX) ***	Social and Behavioral Sciences****	Humanities/Fine Arts
BIOL 101 BIOL 101L	Hist. Analysis:(HS):	Vis. & Perf. Arts (VP):
CHEM 101 CHEM 101L	Soc Sci./Hist. Analysis. (SS/HS):	Literary Arts (LA):
	Soc Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

\*\*\* C or better in BIOL 101 and CHEM 101 or CHEM 102 before taking BIOL 201 and 202 \*\*\*\*From at least two departments

## CONNECTIONS

Communication Int. (CI)	Quant. Int. (QI) <u>or</u> 2 <sup>nd</sup> Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
BIOL 101L	BIOL 201		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

**SUPPLEMENTAL EDUCATION** Cannot be a course from the major department or any course used to satisfy major requirements. May only double with Connections. A second major or minor, once completed, meets Supplemental Ed. **Courses must be 3 hours or more.**

<input type="checkbox"/> Distributive <input type="checkbox"/> Integrative	1. >199	2. >199	3. >199
--	---------	---------	---------

## MAJOR/MINOR/ELECTIVES

BIOLOGY ♦ Core Requirements (7 courses)	ALLIED SCIENCES † (5 courses)	Additional Requirements		
BIOL 201 (4) (QI)	CHEM 102*** CHEM 102L	CHEM 101*** CHEM 101L		
BIOL 202 (4)		BIOL 101*** BIOL 101 L		
BIOL 205 (4) (*** Pre-req 202)		One of MATH 130, 152, 231; COMP 110, 116; STOR 155 or 215		
Organismal w/ lab (#, ###) (4)				
w/lab (##, ###) (4)				
(##, ###)	♦ 18 hours ≥C (not C-) required (not incl. BIOL 101/L or Allied Sciences). No more than 45 hours of Biology classes. † See list of approved Allied Science courses on reverse of worksheet. Students are expected to take courses that are each three or more credit hours for this requirement. (#) Organismal Structure and Diversity course chosen from 271/271L*, 272, 273, 274/274L*, 277/277L, 278/278L, 279/279L, 422/421L or 422/422L, 441/441L, 451/451L, 471/471L, 472, 474/474L, 475/475L**, 476/476L, 479/479L or 579. Must take lab to count as organismal. (###) Three BIOL electives above 205, each three or more credits, at least one with a lab. BIOL 213, 253, 291, 292, 293, 294, 296, 353 and 495 may not be used. Up to five credit hours of BIOL 395 may count as one lecture course. A total of six hours from BIOL 395 and/or 692H count as a laboratory course. BIOL 395 can be taken no more than three times for up to a total of six credit hours. One additional elective may consist of a total of three hours of courses above 600 (excluding 692H). (###) One course must be > 400 (not including 501 or 692H).			
*** C- or better in BIOL 202 before taking BIOL 205				

Remaining courses after this term:	Hours to be deducted:	Hours Tally:	Notes:
___ Foundations _____	Repeated courses _____	Hours to date: _____	
___ Approaches _____	HSFL _____	Hours in progress _____	
___ Connections _____	Online courses > 24 _____	Pending Study Abroad* _____	
___ Supplemental _____	Other _____	Subtotal _____	
___ (hrs C___) _____	Professional School > 30 _____	Hours deducted _____	
___ (hrs C___) _____	Hours in subject (BA) > 45 _____	Hours after this term _____	
___ (hrs C___) _____	Total _____	Hours remaining to grad _____	
Requirements subtotal _____		Semesters left _____	
___ Total _____			
		*Pending study abroad hours may differ from hours earned.	

**This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps**

## Allied Science Electives

### **Anthropology**

143 Human Evolution and Adaptation  
148 Human Origins  
298 Biological Anthropology Theory and Practice  
315 Human Genetics and Evolution  
317 Evolutionary Perspectives on Human  
Adaptation and Behavior  
318 Human Growth and Development  
412 Paleoanthropology  
414 Laboratory Methods: Human Osteology  
415 Laboratory Methods: Zooarchaeology  
416 Bioarcheology  
470 Medicine and Anthropology  
623 Human Disease Ecology

### **Biology**

Any course above BIOL 101, except  
BIOL 213, 291, 292, 294, 296, and 495

### **Biomedical Engineering**

510 Biomaterials

### **Biostatistics**

Any course

### **Chemistry**

Any course above CHEM 101

### **Computer Science**

Any course above COMP 100 except COMP 380

### **Environ. Studies - ENEC, formerly ECOL/ENST**

202 Intro to the Environmental Sciences  
256 Mountain Biodiversity  
403 Envr Chem Processes  
406 Atmospheric Processes II  
410 Earth Processes in Envr. Sys.  
411 Oceanic Processes  
415 Environmental Systems Modeling  
471 Human Estuarine Impacts  
489 Ecological Processes.

### **Exercise and Sports Science**

175 Anatomy  
276 Physiology

### **Geography**

110 The Blue Planet: Intro to Earth Envr Sys  
111 Weather and Climate  
212 Environmental Conservation  
222 Health and Medical Geography  
253 Intro to Atmospheric Processes

### **Geology**

Any courses above GEOL 100

### **Marine Sciences**

Any course above MASC 100

### **Mathematics**

Any course above MATH 110, except MATH  
129P

### **Microbiology**

251 Introductory Medical Microbiology

### **Neuroscience (NSCI)**

175 Introduction to Neuroscience  
222 Learning  
225 Sensation and Perception  
401 Animal Behavior  
403 Advanced Biopsychology

### **Nutrition**

240 Introduction to Human Nutrition

### **Philosophy**

155 Introductory Symbolic Logic

### **Physics and Astronomy**

Any course above PHYS 99 and ASTR 99,  
except PHYS 132

### **Physiology**

292 Introduction to Physiology

### **Psychology**

101 General Psychology  
210 Statistical Principles of Psyc. Research  
220 Biopsychology  
230 Cognitive Psychology

### **Statistics and Operations Research**

Any course above STOR 151

### **Speech and Hearing Sciences**

570 Anatomy and Physiology of Speech,  
Language, and Hearing Mechanisms