

<b>BIOLOGY BA (120 hrs.)</b>		<b>Effective 2017-18</b>
NAME	PID	Optional 2 <sup>nd</sup> Major or Minor

**FOUNDATIONS**

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

\* Through Level 3

\*\* Choose one of MATH 130, 152, 231, 241; 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
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**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, 241; 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, 471/471L, 472, 474/474L, 475/475L**, 476/476L, 479/479L or 579. Must take lab to count as organismal. *Prior to Fall 2015 (**prior to Fall 2017), labs were embedded with lecture and not registered for separately. *** C- or better in BIOL 202 before taking BIOL 205 (##) 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).			
(##, ###)				

<b>Remaining courses after this term:</b> ____ Foundations ____ Approaches ____ Connections ____ Supplemental ____ (hrs C____) ____ (hrs C____) ____ (hrs C____) ____ Requirements subtotal ____ <b>Total</b>	<b>Hours to be deducted:</b> Repeated courses HSFL Online courses > 24 Other Professional School > 30 Hours in subject (BA) > 45 Total	<b>Hours Tally:</b> Hours to date: Hours in progress Pending Study Abroad* Subtotal Hours deducted Hours after this term Hours remaining to grad Semesters left  <i>*Pending study abroad hours may differ from hours earned.</i>	<b>Notes:</b>
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**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  
253 Intro to Atmospheric Processes  
445 Medical Geography

### **Geology**

Any courses above GEOL 100

### **Marine Sciences**

Any course above MASC 100

### **Mathematics**

Any course above MATH 110, except MATH  
129P

### **Microbiology**

251 Elementary Medical Microbiology

### **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  
222 Learning  
225 Sensation and Perception  
230 Cognitive Psychology  
† 315 Introduction to Neuroscience  
400 Conditioning and Learning  
401 Animal Behavior  
402 Advanced Biopsychology  
403 Advanced Biopsycology Laboratory  
**Statistics and Operations Research**  
Any course above STOR 151

### **Speech and Hearing Sciences**

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

† Students under 2015 or earlier curricula may need to have the Biology Department Director of Undergraduate Studies approve these courses.