

BIOLOGY BA (120 hrs.)		Effective 2013-2016
NAME	PID	Optional 2 nd 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 nd 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) (202 prereq.)		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, 473/473L, 474/474L, 475, 476/476L, 478, 479/479L or 579. Must take lab to count as organismal. *Prior to Fall 2015, labs were embedded with lecture and not registered for separately. (##) Three BIOL electives above 205, at least one with a lab. BIOL 213, 253, 253L, 291, 292, 293, 294, 296, 353, and 495 may not be used. 3 credit-hours of BIOL 395 or BIOL 295 may count as one non-lab course. A total of six hours from BIOL 295, 395, and/or 692H count as a laboratory course. 395 can be taken up to 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).			
(##, ###)				

Remaining courses after this term: ___ Foundations ___ Approaches ___ Connections ___ Supplemental ___ (hrs C ___) ___ (hrs C ___) ___ (hrs C ___) ___ Requirements subtotal ___ Total	Hours to be deducted: Repeated courses HSFL Online courses > 24 Other Professional School > 30 Hours in subject (BA) > 45 Total	Hours Tally: 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>	Notes:
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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
- 255 Elementary Pathogenic Microbiology

Nutrition

- 240 Introduction to Human Nutrition

Philosophy

- 155 Introductory Symbolic Logic

Physics and Astronomy

- Any course above PHYS 99 or ASTR 99, except PHYS 132

Physiology

- 202 Introduction to Physiology (292 in Fall 2016)

Psychology

- 101 General Psychology
 - 210 Statistical Principles of Psyc. Research
 - 220 Biopsychology
 - 222 Learning
 - 225 Sensation and Perception
 - 230 Cognitive Psychology
 - θ 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 2013 curriculum may need to have the Biology Department Director of Undergraduate Studies approve these courses.

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