

BIOLOGY BS (123 hrs)

Effective 2013-2016

NAME	PID	Optional 2nd Major or Minor
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FOUNDATIONS

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1. _____	3. _____	MATH 231 or 241 (1 hr)
	2. _____	4. _____	

* Through Level 3

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 or 202 ***From at least two departments

CONNECTIONS

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

**** Must choose from MATH 232 or 283; COMP 110 or 116; STOR 155 or 215.

MAJOR/MINOR/ELECTIVES

BIOLOGY ♦ Major Core (8 courses)	ALLIED SCIENCES † (8 courses)	Additional Requirements			
BIOL 201 (4) (QI)	PHYS 104, 114, 116 or 118 (4)	BIOL 101** BIOL 101L			
BIOL 202 (4)	PHYS 105, 115, 117, or 119 (4)	CHEM 101** CHEM 101L			
BIOL 205 (4) (202 prereq.)	CHEM 102** CHEM 102L	MATH 231 or 241			
Organismal w/ lab (#,###) (4)	CHEM 241 CHEM 241L	One of MATH 232 or 283; COMP 110 or 116; STOR 155 or 215			
w/lab (##, ###) (4)	CHEM 261				
w/lab (##, ###) (4)	CHEM 262 CHEM 262L	♦ 18 hours ≥ C (not C-) required (does not include BIOL 101/L or Allied Sciences). † 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. (##) Four BIOL electives above 205, at least two with labs. 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 requirement. 395 can be taken up to six credit hours. One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H). (###) Two courses must be > 400 (not including 501 or 692H).			
(##,###)	†				
(##,###)	†				
(##,###)					

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 _____			
		<i>*Pending study abroad hours may differ from hours earned.</i>	

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.