

BIOLOGY BS (123 hrs)

Effective 2019-2020

NAME	PID	Optional 2nd Major or Minor
-------------	------------	---

FOUNDATIONS

English Comp. and Rhetoric	Foreign Language*		Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1.	3.	MATH 231	(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	****	CHEM 262L	
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

**** Must choose from MATH 232; 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) ***pre-req: 202	CHEM 102** CHEM 102L	MATH 231			
Organismal w/ lab (#,###) (4)	CHEM 241 CHEM 241L	One of MATH 232; 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, 422/421L or 422/422L, 441/L, 451/451L, 471/471L, 472, 474/474L, 475/475L, 476/476L, 479/479L or 579. Must be taken with a lab to count as an Organismal. *** C-or above required in BIOL 202 before taking BIOL 205 (##) Four BIOL electives (each of three or more credits) above 205, at least two with labs. 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 non-lab course. A total of six hours from BIOL 395 and/or 692H count as a laboratory course requirement. 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 numbered above 600 (not including BIOL 692H). (###) At least two courses must be > 400 (not including BIOL 501 AND 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
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 Laboratory

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

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