

2017-2018 B.S. Biology – General Biology Concentration

UNIVERSITY CORE

A. Core Foundations

CORE 101	_____	3
CORE 102	_____	3
HNRS 103*	_____	3
CORE 201	_____	3
COMS 114		
PHIL 111: 213		
CORE 202	_____	3
PHIL 112		

NOTE: Courses listed in multiple areas can only be used to fulfill a single area requirement.

Students can use two courses with their major prefix to fulfill core requirements.

B. Core Skills & Knowledge**

<u>MATHEMATICAL SCIENCES (3SH)</u>	
MATH 119, 138, 151, 152	_____ 3
<u>NATURAL SCIENCES (4 SH)</u>	
CHEM 101	_____ 4
<u>HUMANITIES (3 SH)</u>	
_____	_____ 3
One of the following: CLSS:110 CCST: 110 ENGL 200, HIST 101, 102 PHIL 111, 112, 200; POSC 110; RELN 111, 112, 203, 206	
<u>VISUAL & PERFORMING ARTS (3 SH)</u>	
_____	_____ 3
One of the following: ART 111, 215, 216 CVPA 266 DNCE 111 MUSC 100, 121, 123 THEA 100, 180	
<u>SOCIAL/BEHAV. SCIENCES (3 SH)</u>	
_____	_____ 3
SOCY 110 or 121 recommended	
One of the following: ANSC 101, APST 200	
ECON 205, 206, GEOG 101, 102, 103 HIST 111, 112 POSC 120 PSYC 121 RELN 205	
SOCY 110, 121	

COLLEGE CORE

A. National & International Perspectives**

<u>U. S. PERSPECTIVES (3 SH)</u>	
ECON 205/206 recommended	_____ 3
One of the following: APST 200	
ECON 101, 205, 206, ENGL 203	
GEOG 201, 202, 203 HIST 111, 112	
POSC 120, SOCY 110	
<u>GLOBAL PERSPECTIVES (3SH)</u>	
GEOG 140 recommended	_____ 3
One of the following: CVPA 266,	
ENGL 201, 202 FORL 103	
GEOG 101, 102, 140, 280 HIST	
101, 102 INST 101 ITEC 112 PEAC	
200 RELN 112, 205, SOCY 121,	
THEA 180 WMST 101	

B. Supporting Skills & Knowledge

<u>NATURAL SCIENCES OR MATH (3-4 SH)</u>	
STAT 219	_____ 3
<u>HUMANITIES, VISUAL & PERFORMING ARTS, OR FOREIGN LANGUAGES (3-4 SH)</u>	
_____	_____ 3-4
One of the following: CLSS 110 CCST 110 ENGL 200 HIST 101, 102 PHIL 111, 112, 200; POSC 110; RELN 111, 112, 203, 206; CVPA 266; Or ART 100, 215, 216 DNCE 111, MUSC 100, 121, 123 THEA 100, 180 Or CHNS 101: 102, 201: 202 ARAB 101, 102, 201, 202, FORL 100, 109, 200, 210, 209, 309, 409; FREN 100, 200:210, 300, 320 GRMN 100, 200: 210, 300 LATN 101 102, 201, 350; RUSS 100, 200, 210, 300; SPAN 101: 102, 105 201, 202	
<u>SOCIAL/ BEHAV. SCI. OR HEALTH & WELLNESS (3SH)</u>	
SOCY 110 or 121 recommended	_____ 3
One of the following: ANSC 101, APST 200	
ECON 205, 206 GEOG 101, 102, 103 HIST	
111, 112 POSC 120; PSYC 121 RELN 205	
SOCY 110, 121	
HLTH 111,200 NURS 111 NUTR 214; RCPT 200	

Biology Major - General Biology Concentration

Course Number	Credits	Course Name	Fall/Spring	
			Summer	Prerequisites (all BIOL prerequisites must be C or higher)
BIOL 160*	_____ (2)	Introductory Seminar in Biology	F/S	Freshmen only
BIOL 460*	_____ (2)	Advanced Seminar in Biology	F/S	BIOL 131, 132, 231, 232 (232 may be concurrent)
*OR Transfer students or others who do not take BIOL 160 must take 4 hours of BIOL 460 (2:2) or 2 hours BIOL 460 plus one additional 3XX/4XX level BIOL elective (excluding BIOL 310, 311, 322, 334, 491, 492 and 495).				
BIOL 131	_____ (4)	Ecology and Adaptation	F/S	
BIOL 132	_____ (4)	Biology of Cells and Microorganisms	F/S	
BIOL 231	_____ (4)	Genetics, Evolution, and Development	F/S	"C" or better in BIOL 132
BIOL 232	_____ (4)	Organismal Biology	F/S	"C" or better in BIOL 131
BIOL 131, 132, 231 and 232 may only be taken TWICE, and must be completed with C or higher before taking any 3XX or 4XX level BIOL Electives.				
CHEM 101	_____ (4)	General Chemistry	F/SU	
CHEM 102	_____ (4)	General Chemistry	S/SU	CHEM 101
B. S. Requirements				
CHEM 301	_____ (4)	Organic Chemistry I	F/SU	CHEM 102
CHEM 302	_____ (4)	Organic Chemistry II	S/SU	CHEM 301
STAT 219	_____ (3)	Statistics for Biology	F/S/SU	
MATH 119/138/151/152	_____ (3)	Math Core Curriculum see above	F/S/SU	

Concentration elective hours (26-30 credits): Students must select either **26 credits of Biology courses** OR **22 credits of Biology courses in combination with 8 hours of Physics courses chosen from PHYS 111:112 or PHYS 221:222.** The additional Biology electives may be chosen from any of the Biology courses numbered 200 or higher (except 310, 311, 322, 334). Students are advised to consider all of the Department's electives, and to choose those most appropriate to their goals.

120 Credits required for Graduation

Graduation Requirements: To graduate with a major in biology a student must attain an overall major grade point average of 2.0 or higher. Major GPA is calculated by using BIOL 131, BIOL 132, BIOL 160, all biology courses 200-level or higher, all courses outside of biology used as electives (including CHEM 471:472, Physics if used as an elective, Geography or Geology used as an environmental concentration elective), and any course used as an elective by academic petition.