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**

MATHEMATICAL SCIENCES (3SH)
MATH 119, 138, 151, 152 ___ **3**

NATURAL SCIENCES (4 SH)
CHEM 101 ___ **4**

HUMANITIES (3 SH)
_____ _____ _____ **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

VISUAL & PERFORMING ARTS (3 SH)
_____ _____ ___ **3**
One of the following: **ART** 111, 215, 216 **CVPA** 266 **DNCE** 111 **MUSC** 100, 121, 123 **THEA** 100, 180

SOCIAL/BEHAV. SCIENCES (3 SH)
_____ _____ ___ **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. S. PERSPECTIVES (3 SH)
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

GLOBAL PERSPECTIVES (3SH)
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

NATURAL SCIENCES OR MATH (3-4 SH)
STAT 219 ___ **3**

HUMANITIES, VISUAL & PERFORMING ARTS, OR FOREIGN LANGUAGES (3-4 SH)
_____ _____ ___ **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

SOCIAL/ BEHAV. SCI. OR HEALTH & WELLNESS (3SH)
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.