

2015-2016 B.S. Biology – General Biology Concentration

NAME _____ ID# _____

UNIVERSITY CORE

A. Core Foundations

CORE 101 _____ 3
 CORE 102 _____ 3
 HNRS 103* _____ 3
 CORE 201 _____ 3
 CORE 202 _____ 3

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

Students can use only one course with their major prefix to fulfill core requirements.

* Honors course – will meet CORE 101 & 102 for those students in the RU honors program

B. Core Skills & Knowledge

Courses must be from different disciplines:

MATHEMATICAL SCIENCES (3SH)

MATH 119 138, or 151 _____ 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, 114; POSC 110; RELN 111, 112, 203, 206

VISUAL & PERFORMING ARTS (3 SH)

_____ 3

One of the following: ART 100, 215, 216 CVPA 266 DNCE 111 MUSC 100, 121, 123 THEA 100, 180

SOCIAL/BEHAV. SCIENCES (3 SH)

_____ 3

One of the following: ANSC 101, APST 200 ECON 105, 106 GEOG 101, 102, 103 HIST 111, 112 POSC 120; PSYC 121 RELN 205 SOCY 110, 121

COLLEGE CORE

A. National & International

Perspectives Courses must be from different disciplines:

U. S. PERSPECTIVES (3 SH)

_____ 3

One of the following: APST 200 ECON 101, 105, 106, ENGL 203 GEOG 201, 202, 203 HIST 111, 112 POSC 120, SOCY 110

GLOBAL PERSPECTIVES (3SH)

_____ 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, 114; POSC 110; RELN 111, 112, 203, 206 Or ART 100, 215, 216; CVPA 266; DNCE 111 MUSC 100, 121, 123 THEA 100, 180 Or CHNS 101: 102, 201: 202 ARAB 100, 200, 210 FORL 100, 109, 200, 209, 210, 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, 201, SPAN 202

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

_____ 3

One of the following: ANSC 101, APST 200 ECON 105, 106 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

General Biology CONCENTRATION

BIOL 160* _____ (2) Introductory Seminar in Biology
 BIOL 460* _____ (2) Advanced Seminar in Biology

*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
 BIOL 132 _____ (4) Biology of Cells and Microorganisms
 BIOL 231 _____ (4) Genetics, Evolution, and Development
 BIOL 232 _____ (4) Organismal Biology

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
 STAT 219 _____ (3) Statistics for Biology F/S/SU
 MATH 119/138/151 _____ (3) Math Core Curriculum see above F/S/SU

Prerequisites (all BIOL prerequisites must be C or higher)

F/S Freshmen only
 F/S BIOL 131, 132, 231, 232 (232 may be concurrent)

F/S "C" or better in BIOL 132
 F/S "C" or better in BIOL 131

Concentration elective hours (22-26 Hours): 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.

See back:

B.S. Requirement: (8 Hours)

CHEM 301	_____ (4)	Organic Chemistry	F	CHEM 102
CHEM 302	_____ (4)	Organic Chemistry	S	CHEM 301

120 Credits required for Graduation

Graduation Requirements: Students must attain a minimum 2.0 in major and overall GPA in order to graduate. Major GPA is calculated using grades received in Biology 131, 132, all Biology courses 200 level or higher, all courses outside of Biology used as electives (including: CHEM 471:472 and Physics if used as elective) and/or any course used as an elective by academic petition. Students are required to complete a minimum of 120 credit hours.