

## 2014-2015 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	F/S
BIOL 460 _____ (2)	Advanced Seminar in Biology	F/S
<b>OR</b>		
4 hours of BIOL 460 (2:2)		
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
BIOL 232 _____ (4)	Organismal Biology	F/S
CHEM 101 _____ (4)	General Chemistry	F/SU
CHEM 102 _____ (4)	General Chemistry	S/SU
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**

Freshmen only  
 BIOL 131, 132, 231, and 232 (232 may be concurrent)

131(majors) or C or better in CHEM 101

BIOL 132

BIOL 231

CHEM 101

**Concentration elective hours (22-26Hours):** Students must select either 26 credits of Biology courses OR 22 credits of Biology Courses in combination with 8 hours of physics courses. The additional Biology electives may be chosen from any of the Biology courses numbered 200 or higher. Students are advised to consider all of the Department's electives, and to choose those most appropriate to their goals.

### B.S. Requirement: (8 Hours)

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