

NAME: \_\_\_\_\_ SSN: \_\_\_\_\_ DATE: \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS**

**GROUP I – 15 HOURS/5 COURSES**

- A. English 101 (Grade of “C” or better) 3 \_\_\_\_\_
- English 102 (Grade of “C” or better) 3 \_\_\_\_\_
- Literature 3 \_\_\_\_\_
  
- B. Art, Communication and Theatre Arts, Dance, Modern Languages, Music or Philosophy (6 HRS FROM TWO DEPARTMENTS)
- \_\_\_\_\_ 3 \_\_\_\_\_
- \_\_\_\_\_ 3 \_\_\_\_\_

**GROUP II – 15 HOURS/5 COURSES**

- A. History 101 3 \_\_\_\_\_
- History 102 3 \_\_\_\_\_
  
- B. Anthropology, Economics, History, Human Geography, Political Science, Psychology or Sociology/Conflict Analysis and Dispute Resolution (9 HRS FROM THREE DEPARTMENTS)
- \_\_\_\_\_ 3 \_\_\_\_\_
- \_\_\_\_\_ 3 \_\_\_\_\_
- \_\_\_\_\_ 3 \_\_\_\_\_

**GROUP III – 12 HOURS/4 COURSES**

A., B., C. SATISFIED BY MAJOR

**GROUP IV – 3 HOURS/1 COURSE**

PHEC 106 3 \_\_\_\_\_

**OTHER ELECTIVES**

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**BIOLOGY REQUIREMENTS (A minimum of 40 credit hours of Biology with a GPA of 2.0 and at least 20 credit hours at the 300/400 level.)**

**BIOLOGY CORE REQUIREMENTS**

- \*BIOL 210 BIOLOGY: CONCEPTS & METHODS 4 \_\_\_\_\_
- \* Two of the following –
- BIOL 211 MICROBIOLOGY 4 \_\_\_\_\_
- BIOL 212 INTRO TO PLANT BIOL. 4 \_\_\_\_\_
- BIOL 213 ZOOLOGY 4 \_\_\_\_\_
- BIOL 350 CELL BIOLOGY 4 \_\_\_\_\_
- BIOL 360 GENETIC ANALYSIS OR 4 \_\_\_\_\_
- BIOL 370 MOLECULAR GENETICS 4 \_\_\_\_\_
- BIOL 418 SEMINAR 1 \_\_\_\_\_

\*("C" or better before enrolling in courses for which any are prerequisites and as a requirement for graduation.)

**ORGANISMAL Track Requirements**

BIOL 310 ECOLOGY 4 \_\_\_\_\_

**One of the following Anatomy courses:**

- BIOL 313–COMPARATIVE ANATOMY
- BIOL 325–PLANT ANATOMY 4 \_\_\_\_\_
- BIOL 411–VERTEBRATE EMBRYOLOGY

**One of the following Physiology Courses:**

- BIOL 422–VERTEBRATE PHYSIOLOGY 4-8 \_\_\_\_\_
- BIOL 430–PLANT PHYSIOLOGY
- BIOL 215 & 216 Human Anatomy and Physiology together satisfy these requirements.

**One of the following Organismal courses:**

- BIOL 312–Plant Taxonomy, BIOL 316–Gen. Entomology; BIOL 320–Biol. of Vertebrates; BIOL 321–Invertebrate Zoology; BIOL 322–Parasitology; BIOL 324–Plant Morphology; BIOL 405–Ornithology; BIOL 407–Biol. of Fishes; BIOL 435–Evolutionary Biol. 3-4 \_\_\_\_\_

**OTHER BIOLOGY COURSES**

(0-4 additional credit hours in Biology depending on above choices). APPROVED courses INCLUDE BIOL 115 and Biology courses at the 200, 300 and/or 400 level EXCEPT 214, 217, 219, 416, 419 or 450 and INCLUDE ENVH 210, 301 and 302).

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**REQUIRED COURSES IN RELATED SCIENCES**

- CHEMISTRY 121 4 \_\_\_\_\_
- CHEMISTRY 122 4 \_\_\_\_\_
- CHEMISTRY 221 4 \_\_\_\_\_
- MATH 155, OR 160, OR 201 3 \_\_\_\_\_
- GEOG 105 OR 401 OR GEOL 103 OR PHYS 121 OR PHYS 221 3-4 \_\_\_\_\_

## Organismal Track Curriculum Guide

<b><u>Freshman – Fall Semester (14 Cr)</u></b>		<b><u>Freshman – Spring Semester (17 Cr)</u></b>	
<b><u>Course</u></b>	<b><u>Credits</u></b>	<b><u>Course</u></b>	<b><u>Credits</u></b>
Biol 210	4	Biol 211 or 212 or 213	4
Chem 121	4	Chem 122	4
Engl 101	3	Engl 102	3
Hist 101	3	Hist 102	3
		Gen. Ed. I-B	3
<b><u>Sophomore – Fall Semester (17 Cr)</u></b>		<b><u>Sophomore–Spring Sem. (17 Cr)</u></b>	
<b><u>Course</u></b>	<b><u>Credits</u></b>	<b><u>Course</u></b>	<b><u>Credits</u></b>
Biol 211 or 212 or 213	4	Biol 310	3
Chem 221	4	Chem 222*	4
Engl Lit.	3	Biol Anatomy Course**	4
Gen. Ed.	6	Phec 106	3
		Gen. Ed.	3
<b><u>Junior – Fall Semester (15 Cr)</u></b>		<b><u>Junior–Spring Semester (13/16 Cr)</u></b>	
<b><u>Course</u></b>	<b><u>Credits</u></b>	<b><u>Course</u></b>	<b><u>Credits</u></b>
Biol Physiology Course***	4	Biol 360 / 370	4
Biol 350	4	Biol Organismal Course****	3 – 4
Chem 407 Biochem.*	4	Math 155/160/201	3 – 4
Gen. Ed.	3	Elective	3
<b><u>Senior – Fall Semester (15/16 Cr)</u></b>		<b><u>Senior - Spring Semester (15 Cr)</u></b>	
<b><u>Course</u></b>	<b><u>Credits</u></b>	<b><u>Course</u></b>	<b><u>Credits</u></b>
Biol 418 Seminar	1	Biol 300/400	4
Physical Science Elective*****	3 – 4	Electives	11
Elective	11		

\* Strongly recommended but not required

\*\* Anatomy course from one of the following: Biol 313, 325, 411 or 215 AND 216

\*\*\* Physiology course from one of the following: Biol 422, 430 or 215 AND 216

\*\*\*\* Organismal course from one of the following: Biol 312, 316, 320, 321, 322, 324, 405, 407, 435

\*\*\*\*\* One course from GEOG 105, GEOG 401, GEOL 103, PHYS 121, PHYS 221