

Bachelor of Sciences degree. . A minimum of 128 hours of course work, including all University, College of Sciences and Departmental requirements, must be completed

Minimum Grade Requirement: Biological Sciences majors (BIOBS, PMED, PPHAR, PDENT, PVET, PPT) are required to earn a grade of “C” or better in all mathematics and sciences courses presented to satisfy departmental degree requirements in the curriculum. Students must earn a grade of “C” or higher in any course that serves as a prerequisite for a higher level course.

Required Courses Students must take BIOS 1073, 1071, 1083, 1081, 2014, 2114, 3091, and 4010.

Elective Courses Students must earn 23 hours of credit in biological sciences electives. A maximum of four credit hours of 2000-level biological sciences courses may be taken for biological sciences elective credit. Additional 2000-level courses may be taken for free elective credit.

Students may take a maximum of six credit hours of research courses (BIOS 2002, 2092, 3092, 4091) for elective credit in biology. Additional hours may be taken for free elective credit.

Students must take at least five biological sciences elective lecture (or combined lecture/laboratory) courses at the 3000/4000-level. These courses are designated as belonging to either Group I or Group II: Group I electives include the disciplines of molecular, cellular, biochemical, physiological, and structural biology. They are identified by the second digit of the course number and include the numbers 1, 2, 3, 4 or 7, e.g., BIOS 3284. Group II electives include the disciplines of organismic, ecological, evolutionary, and systematic biology. They are also identified by the second digit of the course numbers and include the numbers 5, 6, 8, or 9, e.g., BIOS 4624. The five electives from Group I and II must meet the following guidelines: (1) at least two courses must be taken from each group, (2) at least one course in each group must include a laboratory, and (3) at least two courses must be at the 4000-level. Biological Sciences 3453, 3854, 4003, and 4713 may be included in either group, but not both. Certain courses are explicitly excluded from selection as Biological Sciences electives but may be taken as free electives.

#### Schedule Suggestions:

Year 1 - BIOS 1073, 1071, 1083, 1081 (8 ch), ENGL 1157, 1158 (6 ch), MATH 1125, 1126 (6 ch), CHEM 1017 (3 ch) , MATH 2314 (3 ch), free electives (6 ch)

Year 2 - BIOS 2014, 2114 (8 ch) , Foreign Language (6 ch), CHEM 1018, 1028 (6 ch) , ARTS (3 ch), BIOS electives (4 ch)

Year 3 - BIOS Electives (9 ch), CHEM 2217, 2218, 2026 (8 ch) , PHYS 1031, 1032, 1033, 1034 (8 ch) , Literature (6 ch), free electives (3 ch)

Year 4 - BIOS 3091, BIOS electives (10 ch), Humanities (6 ch), Social Sciences (6 ch), free electives (9 ch)

HUMANITIES: Arts and Science, Drama, Communications, English, Fine Arts, Foreign Language, Journalism, Music, Philosophy

SOCIAL SCIENCES: Anthropology, Arts and Sciences, Economics, Education, Geography, History, Political Sciences, Sociology, Psychology, Urban Studies

## Curriculum Check Sheet

### Biology (40 credits)

#### Required Courses (17 Cr)

1071 \_\_\_\_ 1073 \_\_\_\_  
 1081 \_\_\_\_ 1083 \_\_\_\_  
 2014 \_\_\_\_ 2114 \_\_\_\_  
 3091 \_\_\_\_ 4010 \_\_\_\_

#### <sup>1</sup>Electives (23 Cr)

<b>Group I</b>	<b>Group II</b>
Crs/# Cr	Crs/#Cr

_____	_____
_____	_____
_____	_____

#### <sup>2</sup> Other

_____	_____
_____	_____
_____	_____

### Other Sciences

#### Chemistry (17 cr)

1017 \_\_\_\_ 1018 \_\_\_\_  
 1028 \_\_\_\_ 2026 \_\_\_\_  
 2217 \_\_\_\_ 2218 \_\_\_\_

<sup>1</sup>Must have a minimum of five 3000/4000 level lecture courses which are distributed as follows:  
 Two/Three split in Groupings  
 Two 4000 level courses  
 Two laboratories

#### <sup>2</sup>Credit limits

#### Max Cr

2000-level lecture/lab in other than required courses 4  
 BIOS 2002

BIOS 2092\*

4

BIOS 3092\*

3

BIOS 4091\*

6

6

\*A maximum of 6 research credit hours may be used as Biology elective credits. Additional hours may be used as free elective credits.

### Math (9 cr)

1125 \_\_\_\_ 1126 \_\_\_\_  
 2314 \_\_\_\_

### Physics (8 cr)

1031 \_\_\_\_ 1033 \_\_\_\_  
 1032 \_\_\_\_ 1034 \_\_\_\_

### Non-Science Courses

#### English (6 ch)

1157 \_\_\_\_ 1158 \_\_\_\_

#### Literature 2000 or above (6ch)

Crs#	Cr	Crs#	Cr
------	----	------	----

\_\_\_\_\_

#### Foreign Lang (6 cr) Arts (3cr)

Crs#	Cr	Crs#	Cr
------	----	------	----

\_\_\_\_\_

\_\_\_\_\_

#### <sup>3</sup>Social Sci. SocSci/Humanities (6 Cr.) (6 Cr. – 2000 or above)

\_\_\_\_\_

\_\_\_\_\_

#### Elective (21)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

<sup>3</sup>For rules regarding Social Science Courses and Education Courses used as a Social Science refer to College of Sciences General Degree Requirements in the current catalog.