

**COLLEGE OF SCIENCE  
BIOLOGICAL SCIENCES MAJOR EVALUATION**

Student Name \_\_\_\_\_ I.D.# \_\_\_\_\_

A Bachelor's degree in Biological Sciences can prepare a student for a career in industry, government agencies, health fields, or graduate studies leading to professions in Biology or Health Sciences.

<u>Courses</u>	<u>Hours</u>	<u>Grade</u>
BSC 120 Principles I	4	_____
BSC 121 Principles II	4	_____
BSC 320 Ecology	4	_____
BSC 322 Cell Biology	4	_____
BSC 324 Genetics	4	_____
BSC 491 Capstone	2	_____

**In addition 18 hours of electives are required from BSC 212, 214 or any upper level (300-400) BSC course except BSC 485 through 488 to earn a Biology major. Students may choose 18 hours of electives in any of the following areas which may be declared as a specialized major: Botany, Environmental Biology, Microbiology, Physiology/Molecular Biology, Zoology. BSC 227, 228 & 250 DO NOT COUNT TOWARD THIS MAJOR.**

BSC _____	_____	_____
BSC _____	_____	_____
BSC _____	_____	_____
BSC _____	_____	_____
BSC _____	_____	_____
BSC _____	_____	_____

You must have a **minimum of 18** elective hours.

**MAJORS:**

- (1) Botany majors are to select electives from the following courses: BSC 405, 415,416, 418,419, 420, 421, 430
- (2) Environmental Biology majors are to select electives from the following courses: BSC302,304,401,406,408, 409,410,411,413,415,416,420,421,422,424,430,431,445,446, and 460
- (3) Microbiology majors are to select electives from the following courses: BSC 302, 303, 304, 418,421,424,442, 445,446,450,and 452
- (4) Physiology/Molecular Biology majors are to select electives from the following courses: BSC 300,301,302, 304,420,422,442,445,446,450, and 452
- (5) Zoology majors are to select electives from the following blocks: (Students may select either BSC 212 or BSC 214 and at least 8 hours from each of the following blocks )  
 Block 1: BSC 401,406,408,409,414, and 431    Block 2: BSC 300,301,310,422,424, and 426

**CHEMISTRY, PHYSICS, and MATHEMATICS REQUIREMENTS**

CHM 211 Principles I	3	_____
CHM 217 Lab	2	_____
CHM 212 Principles II	3	_____
CHM 218 Lab	2	_____
CHM 355 Organic I	3	_____
CHM 356 Organic II	3	_____
CHM 361 Organic Lab	3	_____
PHY 201	3	_____
PHY 202	1	_____
PHY 203	3	_____
PHY 204	1	_____
MTH 229 or 132	5	_____

**OR Two of the following:**

MTH 130 or MTH 127 **and** one of the following MTH 122, MTH 140, MTH 225

_____	_____	_____
_____	_____	_____

73 total hours

**COLLEGE OF SCIENCE GENERAL REQUIREMENTS**  
(For Biology, Chemistry, Math, Physics & Geology Majors)

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**6 HOURS - ENGLISH**

ENG 101 3 hrs. \_\_\_\_\_ ENG 102 3 hrs. \_\_\_\_\_ OR ENG 302 3 hrs. \_\_\_\_\_ OR ENG 201H 6 hrs. \_\_\_\_\_

**3 HOURS - COMMUNICATIONS**

CMM 103 3 hrs. \_\_\_\_\_ CMM 104H 3 hrs. \_\_\_\_\_ CMM 305 3 hrs. \_\_\_\_\_

**3-12 HOURS - FOREIGN LANGUAGE**

Ending with German 234, Greek 302, Latin 204, French 204 or 264R, SPN 204, JPN 204.

**6 HOURS - LITERATURE**

Classics 230, 231, 232, 233; English - any 300-400 level course in literature only. (English 354 or any writing course in English will not fill this requirement); Religious Studies 304, 310, 320, 325, 351; French 317, 318, 401, 402, 403, 404; Latin any 300-400 level course; German 301, 302, 417, 418; Spanish 318, 319, 321, 402, 403.

3 hrs. \_\_\_\_\_ 3 hrs. \_\_\_\_\_

**2-3 HOURS - HUMANITIES**

Classics - any course except 230, 231, 232, 233; Philosophy - any course; Religious Studies - any course except honors.

2-3 hrs. \_\_\_\_\_

**15 HOURS - SOCIAL SCIENCES**

Must choose from three or more fields. Economics-any course, History-any course, Political Science-any course, Psychology-any course except 223 or 417, Geography 100, 203, Sociology-any course except 344, 345, 445, Anthropology-any course.

3 hrs. \_\_\_\_\_ 3 hrs. \_\_\_\_\_

3 hrs. \_\_\_\_\_ 3 hrs. \_\_\_\_\_ 3 hrs. \_\_\_\_\_ 45 total hrs.

**12 HOURS - NATURAL SCIENCES (Applies only to Math & Physics Majors)**

From at least two fields- Chemistry, Physics, Geology, Biological Sciences

MAJOR \_\_\_\_\_ CATALOG YR. \_\_\_\_\_

\*MINOR(S) \_\_\_\_\_

\*Consult your catalog for the requirements of a specific minor.

TOTAL HOURS REQUIRED: AT LEAST **128** - OF WHICH **48** MUST BE 300-400 LEVEL

TOTAL HOURS \_\_\_\_\_ 300-400 Level Hours \_\_\_\_\_

**MARSHALL PLAN REQUIREMENTS  
COLLEGE OF SCIENCE**

Name: \_\_\_\_\_

1. Students must take 6 hrs. of courses designated as **International Studies**.

\*3 hrs. of international studies may be filled by traveling abroad, with prior approval by the College of Science, Office of the Dean.

3 hrs. \_\_\_\_\_ 3 hrs. \_\_\_\_\_

2. Students must take 3 hrs. in **Multicultural Studies**.

3 hrs. \_\_\_\_\_

3. Student must take a 3 hrs. **Writing Intensive** course beyond the 6 hrs. of English composition.

3 hrs. \_\_\_\_\_

4. Student must complete a **Capstone Experience** (491) prior to graduation. The Capstone Experience is defined by individual departments. Each activity requires students to synthesize information and demonstrate competency in their chosen field. An oral and written presentation relating to the experience is required. For further information see your advisor or department chair.

Most courses used here can also be used to meet the general requirements of the College of Science