

# BIOLOGICAL SCIENCE MAJOR: BIOLOGICAL SCIENCE CONCENTRATION

NAME: \_\_\_\_\_

Entering Major: \_\_\_\_\_ Graduation: \_\_\_\_\_

### GRADUATION REQUIREMENTS

1. Complete all Biology Core, Selected & Additional Fields, Physical Sciences/Math, and AUCC Requirements.
2. Minimum of **120 total credits**.
3. Minimum of **42 upper division credits** (300 level or above).  
\*30 upper division credits must be in-residence at CSU
4. Minimum of **2.0 CUMULATIVE GPA**.

### GRADE REQUIREMENTS

**Must earn at least a C- in all the Biology Core, Selected & Additional Field, and Physical Sciences/Math courses. This also applies to courses taken as substitutions for these requirements.**

### BIOLOGY CORE REQUIREMENTS

(LIFE102 Attributes of Living Systems (4) \_\_\_\_\_)  
(LIFE103 Biology of Organisms (4) \_\_\_\_\_)

**OR**

(BZ110 Principles of Animal Bio (3) \_\_\_\_\_)  
(BZ111 Principles of Animal Lab (1) \_\_\_\_\_)  
(BZ120 Principles of Plant Biology (4) \_\_\_\_\_)

BZ220 Introduction to Evolution (3) \_\_\_\_\_

LIFE320 Ecology (3) \_\_\_\_\_

BZ310 Cell Biology (4) \_\_\_\_\_

BZ311 Developmental Biology (4) \_\_\_\_\_

BZ350 Molecular & General Genetics (4) \_\_\_\_\_

### SELECTED & ADDITIONAL FIELDS

Select twelve credits in one field and a minimum of one course in each of two additional fields for six total credits. Courses fulfilling biology core requirements will NOT fulfill requirements in the field areas. See attached list.

Selected Field is: \_\_\_\_\_

### SELECTED FIELD (minimum 12 CREDITS)


### TWO ADDITIONAL FIELDS (minimum 6 credits total)


Student Signature \_\_\_\_\_ Date \_\_\_\_\_

*Signature acknowledges that student has been informed of degree requirements. Courses may change based on curriculum and course availability.*

### PHYSICAL SCIENCES/MATH

#### CHEMISTRY

CHEM111(4) \_\_\_\_\_ CHEM112(1) \_\_\_\_\_

**AND**

CHEM113(3) \_\_\_\_\_ CHEM114(1) \_\_\_\_\_

#### ORGANIC CHEMISTRY

CHEM245 (4) \_\_\_\_\_ CHEM246 (1) \_\_\_\_\_

**OR**

CHEM341 (3) \_\_\_\_\_ CHEM343 (3) \_\_\_\_\_ CHEM344 (2) \_\_\_\_\_

#### BIOCHEMISTRY

BC351 (4) \_\_\_\_\_

**OR**

BC401 (3) \_\_\_\_\_ BC403 (3) \_\_\_\_\_

#### PHYSICS

PH121 (5) \_\_\_\_\_ PH122 (5) \_\_\_\_\_

**OR**

PH141 (5) \_\_\_\_\_ PH142 (5) \_\_\_\_\_

#### CALCULUS

MATH155 (4) \_\_\_\_\_ **OR** MATH160 (4) \_\_\_\_\_

#### STATISTICS

STAT301 (3) \_\_\_\_\_ **OR** STAT307 (3) \_\_\_\_\_

**Requirements for earning credit for Internships, Research, Independent Study, and Supervised Teaching (BZ384, BZ487, BZ495, BZ498).**

- Cumulative GPA: 2.5 GPA in major: 3.0

- Junior standing or higher.

**With approval of the Curriculum Committee, up to 3 credits can be applied toward a student's Selected/Additional Field requirements.**

### ALL UNIVERSITY CORE CURRICULUM (AUCC)

**Must earn at least a 2.0 cumulative GPA in the AUCC courses.**

#### Category 1

1A Written Communication (3 credits)

CO150 \_\_\_\_\_

1C Diversity, Equity, and Inclusion (3 credits) \_\_\_\_\_

#### Category 2

2 Additional Communication (3 credits)

Advanced Writing \_\_\_\_\_

#### Category 3

3B Arts/Humanities (6) \_\_\_\_\_

3C Social/Behavioral (3) \_\_\_\_\_

3D Historical Perspectives (3) \_\_\_\_\_

#### Category 4: Depth and Integration

LIFE320 \_\_\_\_\_ and BZ350 \_\_\_\_\_

**TRACK 1 HONORS PROGRAM STUDENTS ARE REQUIRED TO TAKE THE FOLLOWING  
COURSES TO FULFILL THE AUCC CURRICULUM**

**Category 1: Basic Competencies**

HONR192 First Year Seminar (4) \_\_\_\_\_

HONR193 Seminar (3) \_\_\_\_\_

**Category 2: Additional Communication**

Advanced Writing (3) \_\_\_\_\_

**Category 3B: Arts/Humanities**

HONR292 Seminar (3) \_\_\_\_\_ (For students entering Fall 2015 and later)

**OR**

Additional Arts/Humanities (3) \_\_\_\_\_ (For students entering before Fall 2015)

HONR392 Seminar (3) \_\_\_\_\_

**Category 3C: Social/Behavioral**

HONR492 Senior Seminar (3) \_\_\_\_\_

**Category 3D: Historical Perspectives and 3E: Global & Cultural Awareness**

HONR399 Pre-Thesis (1) \_\_\_\_\_

HONR499 Thesis (3) \_\_\_\_\_

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