

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)

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 _____

Category 2

2 Additional Communication (3 credits)

Advanced Writing _____

Category 3

3B Arts/Humanities (6) _____

3C Social/Behavioral (3) _____

3D Historical Perspectives (3) _____

3E Global & Cultural Awareness (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) _____
