

BIOLOGICAL SCIENCE MAJOR: BIOLOGICAL SCIENCE CONCENTRATION

GRADUATION REQUIREMENTS

1. Complete all Biology Core, Major Electives, 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**.

ALL UNIVERSITY CORE CURRICULUM (AUCC)

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

Category 1

1A Written Communication: CO 150 (3) _____

1C Diversity, Equity, and Inclusion (3) _____

Category 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

LIFE 320 and BZ 350 (see CORE Requirements below)

GRADE REQUIREMENTS

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

BIOLOGY CORE REQUIREMENTS

LIFE 102 Attributes of Living Systems (4) _____

LIFE 103 Biology of Organisms (4) _____

BZ 220 Introduction to Evolution (3) _____

BZ 310 Cell Biology (4) _____

BZ 311 Developmental Biology (4) _____

BZ 350 Molecular & General Genetics (4) _____

LIFE 320 Ecology (3) _____

PHYSICAL SCIENCES/MATH

CHEMISTRY

CHEM 111 (4) _____ CHEM 112 (1) _____

AND

CHEM 113 (3) _____ CHEM 114 (1) _____

ORGANIC CHEMISTRY

CHEM 245 (4) _____ CHEM 246 (1) _____

OR

CHEM 341 (3) _____ CHEM 343 (3) _____

CHEM 344 (2) _____

BIOCHEMISTRY

BC 351 (4) _____

OR

BC 401 (3) _____ BC 403 (3) _____

PHYSICS

PH 121 (5) _____ PH 122 (5) _____

OR

PH 141 (5) _____ PH 142 (5) _____

CALCULUS

MATH 155 (4) _____ OR MATH 160 (4) _____

STATISTICS

STAT 301 (3) _____ OR STAT 307 (3) _____

MAJOR ELECTIVES

Must complete a minimum of 18 credits from the major electives lists.

*At least 9 credits must be "BZ" courses.

*With approval of the Curriculum Committee, up to 3 credits of the following can be applied toward a student's major electives:

*BZ 384 Supervised College Teaching

*BZ 487 Internship

*BZ 495 Independent Study

*BZ 498 Laboratory or Field Research

Criteria

- Cumulative GPA: 2.5 GPA in major: 3.0

- Junior standing or higher.

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

Category 1: Basic Competencies

HONR 192 First Year Seminar (4) _____

HONR 193 Seminar (3) _____

Category 2: Additional Communication

Advanced Writing (3) _____

Category 3B: Arts/Humanities

HONR 292 Seminar (3) _____ (For students entering Fall 2015 and later)

OR

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

HONR 392 Seminar (3) _____

Category 3C: Social/Behavioral

HONR 492 Senior Seminar (3) _____

Category 3D: Historical Perspectives and 1C: Diversity, Equity, and Inclusion

HONR 399 Pre-Thesis (1) _____

HONR 499 Thesis (3) _____
