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) _________________________________