BIOLOGICAL SCIENCE MAJOR: BOTANY SCIENCE CONCENTRATION

NAME: ____________________________

ENTERING MAJOR: ____________ 
GRADUATION: ______________

GRADUATION REQUIREMENTS
1. Complete all Biology Core, Botany Core, 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, Upper Division Zoology, 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)
BZ310 Cell Biology (4)
BZ350 Molecular & General Genetics (4)

BOTANY REQUIREMENTS
BZ325 Plant Systematics (4)
BZ331 Plant Anatomy (4)
BZ440 Plant Physiology (3)
BZ441 Plant Physiology Lab (2)
BZ450 Plant Ecology (4)

SELECT TWO FROM THE FOLLOWING
BZ332 Phycology (4)
BZ333 Mycology (4)
BZ 338 Comp. Morph. of Vascular Plants (4)

SELECT TWO FROM THE FOLLOWING
ATS350 Intro. to Weather and Climate (2)
NR130 Global Environmental Systems (3)
GEOL 122 The Blue Planet: Geology of our Environment
SOCR 240 Introductory Soil Science (4)

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
BZ450 _______ and BZ350 _______

Student Signature __________________________ Date __________
Signature acknowledges that student has been informed of degree requirements. Courses may change based on curriculum and course availability.
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) _________________________________