ZOOLOGY MAJOR

NAME: ___________________________

Entering Major: ___________  Graduation: ___________

GRADUATION REQUIREMENTS
1. Complete all Biology Core, Upper Division Zoology, 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.

ZOOLOGY 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)

BZ212 Animal Bio: Invertebrates (4)
BZ214 Animal Bio: Vertebrates (4)
BZ220 Introduction to Evolution (3)

LIFE320 Ecology (3)
BZ310 Cell Biology (4)
BZ350 Molecular & General Genetics (4)

UPPER DIVISION ZOOLOGY
Select a minimum of 15 credits of upper division courses listed on back of check sheet


PHYSICAL SCIENCES/MATH

CHEMISTRY
CHEM111(4)_____ CHEM112(1)_____ AND
CHEM113(3)_____ CHEM114(1)_____ OR
CHEM245 (4) CHEM246 (1)
OR
CHEM341 (3) CHEM343 (3) CHEM344 (2)

ORGANIC CHEMISTRY
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 Diversity & Cultural Awareness (3)

Category 4: Depth and Integration
LIFE320 ______ and BZ350 ______

Student Signature  Date

Signature acknowledges that student has been informed of degree requirements. Courses may change based on curriculum and course availability.
The following is a list of Zoology classes that will fulfill the Upper Division requirements:

*With the approval of the Biology Curriculum Committee, a maximum of 3 credits from these classes may be applied toward the 15 credits of Upper Division Zoology courses.

BSPM302 (2)    Applied and Gen Entomology
BSPM303A (2) Applied and Gen Entomology Lab
BZ300 (3)     Animal Behavior
BZ311 (4)    Developmental Biology
BZ329 (3)    Herpetology
BZ330 (3)    Mammalogy
BZ335 (3)    Ornithology
BZ/MATH348 (4) Theory of Pop. & Evol. Ecology
BZ349 (3)    Tropical Ecology & Evolution
BZ360 (3)    Bioinformatics and Genomics
BZ401 (3)    Comparative Animal Physiology
BZ415 (4)    Marine Biology
BZ418 (4)    Ecology of Infectious Disease
BZ420 (3)    Evolutionary Medicine
BZ/BSPM/MIP424 (3) Principles of Systematic Zoology
BZ425 (3)    Molecular Ecology
BZ430 (3)    Animal Behavior & Conservation
BZ433 (4)    Behavioral Genetics
BZ449A (4) Study Abroad: Ecology/Conservation- Ecuadorian Biodiversity
BZ455 (3)    Human Heredity and Birth Defects
BZ460 (4)    Genome Evolution
BZ/BSPM/MIP462 (5) Parasitology & Vector Biology
BZ466 (4)    Biological Basis of Animal Behavior
BZ471 (3)    Stream Biology & Ecology
BZ472 (1)    Stream Biology & Ecology Lab
BZ474 (3)    Limnology
BZ476 (3)    Genetics of Model Organisms
BZ479 (3)    Biology and Behavior of Dogs (Online)
BZ492A-G    Seminar (excluding plant seminars)
BZ496 (1)    Group Study for Field Marine Biology
BZ505 (3)    Cognitive Ecology
BZ510 (3)    Zoophysiological Ecology
BZ515 (3)    Physiological Ecology of Marine Vertebrates
BZ535 (3)    Behavioral Ecology
BZ/MIP577 (2) Computer Analysis in Population Genetics
BZ/MIP578 (4) Genetics of Natural Populations
GEOL342 (3) Paleontology
FW300 (2)    Biology & Diversity of Fishes
FW301 (1)    Ichthyology Lab
FW400 (3)    Conservation of Fish in Aquatic Ecosystems
FW405 (3)    Fish Physiology
*BZ 384    Supervised College Teaching
*BZ 487    Internship
*BZ 495    Independent Study
*BZ 498    Lab/Field Research

Up to 6 credits may be used from the following courses:

BMS 300 (4)    Principles of Human Physiology
OR
BMS 360 (4)    Fundamentals of Physiology
BMS 305 (4)    Domestic Animal Gross Anatomy
MIP 300 (3)    General Microbiology
MIP 302 (2)    General Microbiology Lab
MIP 315 (3)    Human and Animal Disease
MIP 342 (4)    Immunology
MIP 343 (2)    Immunology Lab

---

**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)
HONR392 Seminar (3) __________________________ (For students entering before Fall 2015)

**Category 3C: Social/Behavioral**
HONR492 Senior Seminar (3) __________________________

**Category 3D: Historical Perspectives and 3E: Global & Cultural Awareness**
HONR399 Pre-Thesis (1) __________________________
HONR499 Thesis (3) __________________________