

# ZOOLOGY

## SUMMER 2000

New	_____	Transfer	_____	Readmit	_____
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NAME: \_\_\_\_\_

Entering Major Semester: \_\_\_\_\_

### GRADUATION REQUIREMENTS

1. Complete the University Studies Program -- See General Catalog.
2. Complete the Core Requirements.
3. Complete a **minimum of 120 total credits**.
4. **Minimum of 42 upper division credits** (300 level and above) **30** credits must be taken at Colorado State University.
5. Minimum of 2.0 GPA. **Note: a C- average does not meet this requirement.**
6. Complete the Department's Outcome Assessment Report.

### INDEPENDENT STUDY

#### **Courses considered Independent Study:**

Internship: BZ487 & BZ587V, Seminar: BZ492, Independent Study: BZ495V & BZ594V. Field Research: BZ498V  
Supervised College Teaching: BZ384V, BY384V, BZ584V

#### **Requirements for participation in Independent Study:**

- Cumulative GPA: 2.5 GPA in major: 3.0
- Junior standing or higher.
- For more than 3 credits, per semester, student must have approval of Curriculum Committee.
- Only **3 credits** will be allowed to satisfy degree in the major.

To be qualified for graduation, students in the Zoology major must have a minimum grade of C- in each of the **Core and Physical Sciences** courses. This also applies to courses taken as substitutions for meeting these requirements.

### CORE REQUIREMENTS

LSCC102 Attributes of Living Systems (4) \_\_\_\_\_

LS103 Biology of Organisms (4) \_\_\_\_\_

**-OR-**

BZCC110 Principles of Animal Bio (3) \_\_\_\_\_

BZCC111 Principles of Animal Lab (1) \_\_\_\_\_

BZCC120 Principles of Plant Biology (4) \_\_\_\_\_

BY320 Ecology (3) \_\_\_\_\_

BZ212 Animal Bio.: Invertebrates (4) \_\_\_\_\_

BZ214 Animal Bio.: Vertebrates (4) \_\_\_\_\_

BZ220 Introduction to Evolution (3) \_\_\_\_\_

BZ350 Molecular & General Genetics (4) \_\_\_\_\_

### UPPER DIVISION COURSES

In addition to the above, select a **minimum** of **15** credits of upper division courses listed on back of check sheet.

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### CHEMISTRY

CCC111(4) \_\_\_\_\_ C CC112(1) \_\_\_\_\_ C113(3) \_\_\_\_\_ C114(1) \_\_\_\_\_

### ORGANIC CHEMISTRY

C245 (4) \_\_\_\_\_ C246 (1) \_\_\_\_\_

**-OR-**

C341 (3) \_\_\_\_\_ C343 (3) \_\_\_\_\_ C344 (2) \_\_\_\_\_

**-OR-**

C345 (4) \_\_\_\_\_ C346 (4) \_\_\_\_\_

Honors

C340 (4) \_\_\_\_\_ C342 (4) \_\_\_\_\_

### BIOCHEMISTRY

BC351 (4) \_\_\_\_\_

**-OR-**

BC401 (3) \_\_\_\_\_ BC403 (3) \_\_\_\_\_

### PHYSICS

PHCC121 (5) \_\_\_\_\_ PHCC122 (5) \_\_\_\_\_

**-OR-**

PHCC141 (5) \_\_\_\_\_ PHCC142 (5) \_\_\_\_\_

### ALL UNIVERSITY CORE CURRICULUM (AUCC)

\*First Year Seminar (2) \_\_\_\_\_

(\*Waived if 25 credits or more have been transferred)

English Comp: COCC150 (3) *Category 2A* \_\_\_\_\_

Communication (3) *Category 2B* \_\_\_\_\_

Mathematics: *Category 2C*

M CC155 (4) \_\_\_\_\_ **-OR-** MCC160 (4) \_\_\_\_\_

Quantitative and/or Logical Thinking: *Category 2D*

STCC301 (3) \_\_\_\_\_ **OR** STCC307 (3) \_\_\_\_\_

**OR** EHCC307 (3) \_\_\_\_\_

Foreign/2<sup>nd</sup> Language CAPS *Category 2E* waived for all students

Arts/Humanities (3) *Category 3B* \_\_\_\_\_

\*Social/Behavioral (3) *Category 3C* \_\_\_\_\_

\*Historical Perspectives (3) *Category 3D* \_\_\_\_\_

Global & Cultural Awareness (3) *Category 3E* \_\_\_\_\_

\*U.S. Public Values & Inst. (3) *Category 3F* \_\_\_\_\_

Health & Wellness (2) *Category 3G* \_\_\_\_\_

*\*Note: For category 3C, 3D & 3F – a minimum of 6 credits is to be taken in these 3 categories. There are courses listed in 3F that can also fulfill Category 3C or 3D. Student will then need to take a course for the Category not fulfilled by 3F.*

### UPPER DIVISION COURSES

Of the **120 credits** required for graduation, a **minimum of 42 credits** Must be earned at the 300 level or above. **30 credits** must be taken at Colorado State University.

***List total credits by semester, or  
total transfer credits - do not list by course***


**The following is a list of zoology classes that will fulfill the upper division requirements.**

BI/EN302	Applied and Gen Entomology	BZ505	Ecology of Parasitism
BI/EN303A	Applied and Gen Entomology Lab	BZ507	Parasitic Protozoa
BY311	Developmental Biology	BZ510	Zoophysiological Ecology
BZ300	Animal Behavior	BZ535	Behavioral Ecology
BZ301	Animal Behavior Lab	BZ536	Cellular Basis of Behavior
BZ/PS310	Fundamentals of Physiology	BZ544	Presenting Research in Biology
BZ315	Marine Ecology	BZ560	Ethological Methods
BZ329	Herpetology	BZ561	Landscape Ecology
BZ330	Mammalogy	BZ/BI/MB/EN562	Field Ecology of Disease Vectors
BZ335	Ornithology	BZ576	Biophysical Ecology
BZ346	Population & Evolutionary Genetics	BZ/MB578	Genetics of Natural Populations
*BZ384V	Supervised College Teaching	BZ/MB579	Lab in Population Genetics
BZ401	Comparative Animal Physiology	*BZ584V	Supervised College Teaching
BZ402	Chromosomes of Eukaryotes	*BZ587V	Internship
BZ403	Comparative Endocrinology	*BZ594V	Independent Study
BZ405	Fish Physiology	G/ER342	Paleontology
BZ/BI/EN424	Principles of Systematic Zoology	FW300	Ichthyology
BZ425	History of Biology	FW301	Ichthyology Lab
BZ433	Behavioral Genetics	FW400	Fish Ecology
BZ455	Human Heredity and Birth Defects	VS320	Birds of Prey
BZ/BI/MB/EN462	Parasitology & Victor Biology		
BZ470	Freshwater Biology		
BZ471	Stream Biology & Ecology		
BZ472	Stream Biology & Ecology Lab		
BZ474	Limnology		
BZ475	Advanced Ecology		
BZ476	Topics in Advanced Genetics		
BZ477	Field Biology		
BZ478	Evolution		
*BZ487	Internship		
BZ492A-EV	Seminar		
*BZ495V	Independent Study		
*BZ498V	Lab/Field Research		

\* Only 3 credits total will be allowed to fulfill the 15 credits of upper division zoology.