

ZOOLOGY

Transfer Credits: _____

NAME: _____

FALL 2007

Entering Major Semester: _____

GRADUATION REQUIREMENTS

1. Complete the All University Core Curriculum (AUCC)
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 or above.)
5. Minimum of 2.0 CUMULATIVE GPA

Requirements for participation in BZ487V, BZ587V, BZ495V, BZ594V, BZ498V, BY384V, BZ384V and BZ584V.

- Cumulative GPA: 2.5 GPA in major: 3.0
- Junior standing or higher.
- Only **3 credits** will be allowed to satisfy 15 credits of upper division required in Zoology.

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

BZ212 Animal Bio.: Invertebrates (4) _____

BZ214 Animal Bio.: Vertebrates (4) _____

BZ220 Introduction to Evolution (3) _____

BIO310 Cell Biology (4) _____

BIO320 Ecology (3) _____

GENETICS:

BZ350 Molecular & General Genetics (4) _____

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

_____ () _____ () _____ ()

_____ () _____ () _____ ()

PHYSICAL SCIENCES

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) _____

ALL UNIVERSITY CORE CURRICULUM (AUCC)

Category 1

1.A. Written Communication (3 credits)
CO 150 _____

1. B. Mathematics (3 credits)

MATH155 (4) _____ **-OR-** MATH160 (4) _____

Category 2

2. Additional Communication (3 credits)

A. SPCM 200 _____

OR

B. Advanced Writing _____

2. B. Quantitative and/or Logical Thinking:

STAT301 (3) _____ **OR** STAT307 (3) _____**OR** ERHS307 (3) _____

Category 3

3.B. Arts/Humanities (6) _____

3.C. Social/Behavioral (3) _____

3.D. Historical Perspectives (3) _____

3.E. Global & Cultural Awareness (3) _____

Category 4: Depth and Integration (7 crs. Minimum)

BIO320 (3) _____ **and** BZ350 (4) _____

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

BSPM302	Applied and Gen Entomology	BZ474	Limnology
BSPM303A	Applied and Gen Entomology Lab	BZ476	Topics in Advanced Genetics
BMS360	Fundamentals of Physiology	BZ479	Biology and Behavior of Dogs
BIO311	Developmental Biology	*BZ487	Internship
*BIO384V	Supervised College Teaching	BZ492A-FV	Seminar (excluding any plant seminars)
BZ300	Animal Behavior	*BZ495V	Independent Study
BZ301	Animal Behavior Lab	*BZ498V	Lab/Field Research
BZ315	Marine Ecology	BZ510	Zoophysiological Ecology
BZ329	Herpetology	BZ535	Behavioral Ecology
BZ330	Mammalogy	BZ544	Presenting Research in Biology
BZ335	Ornithology	BZ561	Landscape Ecology
BZ346	Population & Evolutionary Genetics	BZ/MIP577	Computer Analy Population Genetics
BZ348	Theory of Pop.& Evol.Ecology	BZ/MIP578	Genetics of Natural Populations
*BZ384V	Supervised College Teaching	*BZ584V	Supervised College Teaching
BZ401	Comparative Animal Physiology	*BZ587	Internship
BZ402	Chromosomes of Eukaryotes	*BZ594V	Independent Study
BZ403	Comparative Endocrinology	GEOL342	Paleontology
BZ/BSPM/MIP424	Principles of Systematic Zoology	FW300	Ichthyology
BZ433	Behavioral Genetics	FW301	Ichthyology Lab
BZ455	Human Heredity and Birth Defects	FW400	Fish Ecology
BZ/ BSPM/MIP 462	Parasitology & Victor Biology	FW405	Fish Physiology
BZ471	Stream Biology & Ecology		
BZ472	Stream Biology & Ecology Lab		

***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.**

TRACK 1 HONORS PROGRAM STUDENTS FULFILL THE FOLLOWING REQUIREMENTS FOR THE TRACK 1 HONORS PROGRAM INSTEAD OF THE AUCC CORE

Mathematics/Calculus:

MATH 155 (4) _____ **OR** MATH160 _____

Quantitative and/or Logical Thinking:

STAT301 (3) ____ OR STAT307 (3) ____ OR ERHS307 (3) ____

HONR192 (4) _____ HONR 193 (3) _____ HONR 392 (3) _____ HONR 399 (1) _____

HONR 492 (3) _____ HONR 499 (3) _____