ZOOLOGY

Entering Major Semester: ____________
Transfer Credits: ___________

For students entering the major after Fall 2008

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 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.

Up to 3 credits can be applied toward a student's Upper Division Zoology requirements with the approval of the Curriculum Committee.

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.

BIOLGY 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) ____________

BZ310 Cell Biology (4) ____________
LIFE320 Ecology (3) ____________
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.

__________ ( ) ____________ ( ) ____________ ( )

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CHEMISTRY
CHEM111(4) _____ CHEM112(1) _____

AND
CHEM113(3) _____ CHEM114(1) _____

PHYSICAL SCIENCES

CHEMISTRY
CHEM245 (4) ____________ CHEM246 (1) ____________

OR
CHEM341 (3) ____________ CHEM343 (3) ____________ CHEM344 (2) ____________

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) ____________

ALL UNIVERSITY CORE CURRICULUM (AUCC)

Category 1
1.A. Written Communication (3 credits)
   CO 150 ____________

Category 2
2. Additional Communication (3 credits)
   Advanced Writing ____________

(only for students enrolled BEFORE Fall 2008) SPCM 200 ____________

Category 3
3.B. Arts/Humanities (6) ____________

Category 4: Depth and Integration (7 crs. Minimum)
3.C. Social/Behavioral (3) ____________

3.D. Historical Perspectives (3) ____________

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

LIFE320 (3) ____________ and BZ350 (4) ____________
The following is a list of zoology classes that will fulfill the upper division requirements.

BSPM302 (2) Applied and Gen Entomology
BSPM303A (2) Applied and Gen Entomology Lab
BMS360 (4) Fundamentals of Physiology
BZ300 (3) Animal Behavior
BZ301 (2) Animal Behavior Lab (currently not offered)
BZ311 (4) Developmental Biology
BZ315 (3) Marine Ecology (currently not offered)
BZ329 (3) Herpetology
BZ330 (3) Mammalogy
BZ335 (3) Ornithology
BZ346 (3) Population & Evolutionary Genetics
BZ/MATH348 (4) Theory of Pop. & Evol.Ecology
BZ384V Supervised College Teaching
BZ401 (3) Comparative Animal Physiology
BZ402 (4) Chromosomes of Eukaryotes
BZ403 (3) Comparative Endocrinology
BZ/BSPM/MIP424 (3) Principles of Systematic Zoology
BZ433 (3) Behavioral Genetics
BZ455 (3) Human Heredity and Birth Defects
BZ/BSPM/MIP 462 (5) Parasitology & Vector Biology
BZ471 (3) Stream Biology & Ecology
BZ472 (1) Stream Biology & Ecology Lab
BZ474 (3) Limnology
BZ476 (3) Topics in Advanced Genetics
BZ479 (3) Biology and Behavior of Dogs (Continuing Ed)
*BZ487 Internship
BZ492A-FV Seminar (excluding any plant seminars)
*BZ495V Independent Study
*BZ498V Lab/Field Research
BZ510 (3) Zoophysiological Ecology
BZ535 (3) Behavioral Ecology
BZ544 (2) Presenting Research in Biology (currently not offered)
BZ561 (3) Landscape Ecology (currently not offered)
BZ/MIP577 (2) Computer Analy Population Genetics
*BZ584V Supervised College Teaching
*BZ587 Internship
*BZ594V Independent Study
GEOL342 (3) Paleontology
FW300 (2) Ichthyology
FW301 (1) Ichthyology Lab
FW400 (3) Fish Ecology
FW405 (3) Fish Physiology
BZ/MATH348 (4) Theory of Pop. & Evol.Ecology
*BZ/NR355 (3) Global Change Ecology
BZ/NR353 (3) Global Change Ecology
*BZ487 Internship

*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.

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

**Arts/Humanities** (For students admitted Fall 2007 and forward)

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**Advanced Writing** (For students admitted Fall 2008 and forward)

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HONR192 (4) ______ HONR193 (3) ______ HONR392 (3) ______ HONR399 (1) ______ HONR492 (3) ______ HONR499 (3) ______